

PROGRAM

제80회 한국생물과학협회 정기학술대회 프로그램

주제: AI 혁명시대의 바이오-환경 연구와 교육

일시: 2025. 7. 16(수)~18(금) | 장소: 한양대학교

제1부 (7/16), 14:00~20:00						
14:00~15:00	등록 (자연과학관 지하1층 로비)					
15:00~18:00	신진연구자 발표 (자연과학관 B117호) 및 대학원생 구두 발표 (자연과학관 B116호)					
18:00~20:00	이사 및 대의원 총회					
제2부 (7/17), 09:00~20:00						
09:00~10:00	등록 (자연과학관 지하1층 로비) 및 포스터 부착 (자연과학관 203호, 205호, 206호, 208호)					
10:00~10:25	개회식 (백남음악관 5층 콘서트홀)					
10:25~10:30	사진촬영 (백남음악관 5층 콘서트홀)					
10:30~11:00	기조강연 I (백남음악관 5층 콘서트홀) Young-Seuk Park (Kyung Hee University, Korea)					
11:00~11:30	기조강연 II (백남음악관 5층 콘서트홀) Kew Cheol Shim (Kongju National University, Korea)					
11:30~12:00	기조강연 III (백남음악관 5층 콘서트홀) Eek-hoon Jho (University of Seoul, Korea)					
12:00~13:00	점심식사 (한양플라자(학생복지관) 3층)					
특별세션 및 포스터 발표 I						
13:00~15:00	국립생태원 (자연과학관 226호)	국립호남권- 국립낙동강생물자원관 (자연과학관 B116호)	기후변화와 환경생물 (자연과학관 B117호)	유전자원 접근 및 이익공유(ABS) 설명회 (자연과학관 202호)	포스터 발표 I (자연과학관 203호, 205호, 206호, 208호)	
학회별 총회/심포지엄/논문 구두발표 I						
15:00~18:00	생태 (자연과학관 226호, 227호)	생물교육 (자연과학관 B116호) (15:00~18:30)	동물분류 (인문관 303호)	유전 (사범대 213호)	환경생물 (자연과학관 B117호)	식물분류: 왕벚나무 특별심포지엄 (인문관 205호)
18:00~20:00	리셉션 (등문서관 H스퀘어)					
제3부 (7/18), 08:30~15:00						
08:30~09:00	등록 (자연과학관 1층 로비) 및 포스터 부착 (자연과학관 203호, 205호, 206호, 208호)					
학회별 총회/심포지엄/논문 구두발표 II						
09:00~11:00	생태 (자연과학관 227호)	동물분류 (인문관 303호)	유전 (사범대 213호)	환경생물 (자연과학관 B117호)	식물분류 (인문관 205호)	진화 (자연과학관 202호)
11:00~11:40	기조강연 IV (백남음악관 5층 콘서트홀) Fredrik Ronquist (Swedish Museum of Natural History, Sweden)					
11:40~12:20	기조강연 V (백남음악관 5층 콘서트홀) James H. Leebens-Mack (University of Georgia, USA)					
12:20~13:30	점심식사 (한양플라자(학생복지관) 3층)					
13:30~14:30	포스터 발표 II (자연과학관 203호, 205호, 206호, 208호)					
14:30~15:00	우수 논문상 시상식, 경품추첨 및 폐회식 (백남음악관 5층 콘서트홀)					

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Program for The 80th Annual Meeting of the Korean Association of Biological Sciences

“Bio-environmental Research and Education in the AI Revolution Era”

July 16(Wed) - 18(Fri), 2025 | Hanyang University, Seoul, Korea

Day 1 (7/16), 14:00~20:00						
14:00~15:00	Registration (Lobby, B1 Floor)					
15:00~18:00	Oral Presentations by Young Scientists and Graduate Students (Natural Sciences Hall Room B117, B116)					
18:00~20:00	General Organizing Committee Meeting					
Day 2 (7/17), 09:00~20:00						
09:00~10:00	Registration (Lobby, B1 Floor) and Poster Mounting I (Natural Sciences Hall Room 203, 205, 206, 208)					
10:00~10:25	Opening Ceremony (Paiknam Music Hall)					
10:25~10:30	KAOBS Annual Meeting Group Photos (Paiknam Music Hall)					
10:30~11:00	Plenary Lecture I (Paiknam Music Hall) Young-Seuk Park (Kyung Hee University, Korea)					
11:00~11:30	Plenary Lecture II (Paiknam Music Hall) Kew Cheol Shim (Kongju National University, Korea)					
11:30~12:00	Plenary Lecture II (Paiknam Music Hall) Eek-hoon Jho (University of Seoul, Korea)					
12:00~13:00	Lunch (3rd Floor, Hanyang Plaza (Student Welfare Building))					
13:00~15:00	Special Session & Poster Presentation I					
	National Institute of Ecology <small>(Natural Sciences Hall Room 226)</small>	Honam- Nakdonggang National Institute of Biological Resources <small>(Natural Science Hall Room B116)</small>	Climate Change and Environmental Biology <small>(Natural Science Hall Room B117)</small>	Access and Benefit-Sharing <small>(Natural Science Hall Room 202)</small>	Poster Presentation I <small>(Natural Sciences Hall Room 203, 205, 206, 208)</small>	
15:00~18:00	General Meeting / Symposium / Oral presentation I					
	ESK <small>(Natural Science Hall Room 226, 227)</small>	KSBE <small>(Natural Science Hall Room B116 (15:00~18:30))</small>	KSSZ <small>(Humanities Hall Room 303)</small>	GSK <small>(College of Education Room 213)</small>	KSEB <small>(Natural Science Hall Room B117)</small>	KSPT: Special Symposium <small>(Humanities Hall Room 205)</small>
18:40~20:00	Reception (Alumni Association Building)					
Day 3 (7/18), 08:30~15:00						
08:30~09:00	Registration (Lobby, B1 Floor) and Poster Mounting II (Natural Sciences Hall Room 203, 205, 206, 208)					
09:00~11:00	General Meeting / Symposium / Oral presentation II					
	ESK <small>(Natural Science Hall Room 227)</small>	KSSZ <small>(Humanities Hall Room 303)</small>	GSK <small>(College of Education Room 213)</small>	KSEB <small>(Natural Science Hall Room B117)</small>	KSPT <small>(Humanities Hall Room 205)</small>	KSSE <small>(Natural Science Hall Room 202)</small>
11:00~11:40	Plenary Lecture IV (Paiknam Music Hall) Fredrik Ronquist (Swedish Museum of Natural History, Sweden)					
11:40~12:20	Plenary Lecture V (Paiknam Music Hall) James H. Leebens-Mack (University of Georgia, USA)					
12:20~13:30	Lunch (3rd Floor, Hanyang Plaza (Student Welfare Building))					
13:30~14:30	Poster Presentation II (Natural Sciences Hall Room 203, 205, 206, 208)					
14:30~15:00	Excellent Poster Awards Ceremony & Conference Closing Ceremony (Paiknam Music Hall)					

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Poster
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VENUE



405	백남음악관	개회식 및 기초강연, 폐회식
507	자연과학대학	회원 학회(한국생태학회, 한국생물교육학회, 한국환경생물학회 및 한국진화학회) 세션, 특별세션, 기기전시 및 포스터 발표
505	사범대학 본관	한국유전학회 세션
508	인문관	한국동물분류학회 및 한국식물분류학회 세션
105	한양플라자(학생복지관) 3층	점심식사
607	동문회관	리셉션

한국생물과학협회 기조강연

일시: 2025. 7. 17. (목) 10:30 - 12:00 | 장소: 한양대학교 백남음악관

Chair: Uham Song (Jeju National University, Korea)

10:30 - 11:00 Machine Learning Algorithms in Ecological Studies

Young-Seuk Park

Department of Biology, Kyung Hee University, Korea

Chair: Ui-wook Hwang (Kyungpook National University, Korea)

11:00 - 11:30 생명과학 연구 동향과 학교 생명과학 교육의 변화 사이에는 어떠한 관련성이 있는가?

심규철

국립공주대학교 생물교육과

Chair: Yun Doo Chung (University of Seoul, Korea)

11:30 - 12:00 Impaired Mitochondrial Trafficking Due to the Reduction of Mest Accelerates the Transition from Amyloidopathy to Tauopathy in the Progression of Alzheimer's Disease

Eek-hoon Jho

Department of Life Science, University of Seoul, Korea

일시: 2025. 7. 18. (금) 11:00 - 12:20 | 장소: 한양대학교 백남음악관

Chair: Yeon Jae Bae (Korea University, Korea)

11:00 - 11:40 A New Era of Insect Diversity Research

Fredrik Ronquist

Department of Bioinformatics and Genetics, Swedish Museum of Natural History, Sweden

Chair: Sangtae Kim (Sungshin Women's University, Korea)

11:40 - 12:20 Evolutionary Innovations across the Green Plant Tree and their Implications for Synthetic Plant Biology

James H. Leebens-Mack

Department of Plant Biology, University of Georgia, USA

한국생물과학협회 신진연구자 발표

일시: 2025. 7. 16. (수) 15:00 - 17:40 | 장소: 한양대학교 자연과학관 B117호

좌장: 주용성 (서울대학교)

- 15:00 - 15:20 The Role of Seed Endophytes in Drought Tolerance of the Invasive Xerophytic Plant *Lactuca serriola*
Seorin Jeong
Center for Study of Emerging and Re-emerging Viruses, Korea Virus Research Institute, Institute for Basic Science
- 15:20 - 15:40 생태학 강좌에 통합한 예비교사 NetLogo 교육 프로그램 개발 및 적용
양윤영
서울대학교 사범대학 생물교육과
- 15:40 - 16:00 Multiple Origins of Freshwater Invasion and Parental Care Reflecting Ancient Vicariances in the Bivalve Family Cyrenidae (Mollusca)
Haena Kwak
Department of Biology Education, Institute of Pylogenomics and Evolution, Kyungpook National University
- 16:00 - 16:20 FOXO–Autophagy Axis Controls Age-Associated Decline of Lamin B1 and Podocyte Integrity
Miri Kim
Department of Integrated Biomedical Science/Soonchunhyang Institute of Medi-Bio Science, Soonchunhyang University
- 16:20 - 16:40 휴식
- 16:40 - 17:00 Spawning Patterns and Symbiotic Relationships of Korean Bitterling Fishes (Pisces: Acheilognathinae) with Regard to Host Mussels
Hee-kyu Choi
Molecular Ecology and Evolution Laboratory, Department of Biological Science, Sangji University
- 17:00 - 17:20 Phylogenomics and Elucidation of Allopolyploidization: A Case Study of Selaginellaceae (Lycophytes)
Jong-Soo Kang
Department of Forest Resources, College of Forest and Environmental Sciences, Kangwon National University
- 17:20 - 17:40 Social Evolution as a Framework for Cancer Dynamics
Jibeom Choi
School of Computational Sciences, Korea Institute for Advanced Study

한국생물과학협회 대학원생 구두발표

일시: 2025. 7. 16. (수) 15:00 - 17:05 | 장소: 한양대학교 자연과학관 B116호

좌 장: 위 준 (충남대학교)

- 15:00 - 15:15 How does Elevated CO₂ Changes Plant Responses to Multiple Herbivores?
Haryeong Lee
School of Biological Sciences, Seoul National University
- 15:15 - 15:30 생명현상 영상 시청 시 상황적 흥미와 상태 호기심에 따른 fNIRS 및 DMN 활성화 및 연결성 변화: fNIRS 연구
최상아
제주대학교 과학교육학부 초등과학교육전공
- 15:30 - 15:45 Genomic Insights into Parallel Evolution in Freshwater Bivalves (Mollusca)
Joohee Park
Division of EcoScience, Ewha Womans University
- 15:45 - 16:00 Deciphering the Hidden Role of TOX Condensates in Exhausted T Cell
전예람
서울시립대학교
- 16:00 - 16:20 휴식
- 16:20 - 16:35 Change in Bacterial Genomic Characteristics associated with Algal Bloom Dynamics
Royoung Park
Department of Life Science, Hanyang University
- 16:35 - 16:50 Sporophytic Apomixis in the *Damnacanthus indicus* Complex: Discovery of a Rare Reproductive Strategy in a Warm-temperate Flora of East Asia
Young-Jong Jang
Department of Biological Sciences and Biotechnology, Chonnam National University
- 16:50 - 17:05 A Deep Population Stratification and Ongoing Local Adaptations of the Range-expanding Lovebug *Plecia longiforceps*
Dongyoung Kim
School of Biological Sciences, Seoul National University

한국생태학회

구두발표 I

일시: 2025. 7. 17. (목) 15:00 - 17:00 | 장소: 한양대학교 자연과학관 226호

좌 장: 주 용 성 (서울대학교)

- 15:00 - 15:12 흥천 가리산 산림경영모델의 산림경영구와 보전된 산림에서 Modified R.H Whittaker 방형구를 적용한 식물다양성 비교
유도훈
국립공주대학교 자연과학대학 생명과학과
- 15:12 - 15:24 PyQt5 기반 엽면적 자동 분석 프로그램(YSC) 개발 및 기존 프로그램(ImageJ)과의 성능 비교
서민호
단국대학교 일반대학원 과학교육학과
- 15:24 - 15:36 습생태계 통합관리를 위한 산림습원과 내륙습지의 식물종 보전 기능 분석
조용찬
국립수목원
- 15:36 - 15:48 침입외래식물 마늘냉이(*Alliaria petiolata*)의 공간 분포 양상 분석
설재원
국립수목원 산림생물보전연구과
- 15:48 - 16:00 분광 라이브러리의 제안 및 구축: 수종 분류를 위한 딥러닝 모델에서의 활용
이철호
국립산림과학원 국가산림위성정보활용센터

좌 장: 김 은 석 (광주과학기술원)

- 16:00 - 16:12 Group Formation and Foraging Behavior of Chinstrap Penguins in King George Island
Hyunjae Chung^{1,2}
¹Division of Glacial and Earth Sciences, Korea Polar Research Institute
²Department of Biological Sciences, Seoul National University
- 16:12 - 16:24 유전자 분석 기반 개방형 포획-재포획 모델을 활용한 도시와 농촌 지역 간의 유라시아 수달 (*Lutra lutra*)의 개체군 밀도 및 동태 비교
이보영
경북대학교 축산BT학과

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- 16:24 - 16:36 Prediction of Distribution Range and Interspecific Spatial Competition of Two Korean Onychodactylus Species Using Species Distribution Modeling
Young-Guk Kim
Department of Science Education, Kangwon National University
- 16:36 - 16:48 Vocal Characteristics and Occurrence Pattern of the Rain Calls of the Japanese Tree Frog (*Dryophytes japonicus*)
Jiho Park
Department of Science Education, Graduate School, Kangwon National University
- 16:48 - 17:00 Effects of Habitat Fragmentation on Mammalian Species Richness in Republic of Korea
Kyungmin Kim
Research Institute of EcoScience, Ewha Womans University

구두발표 II

일시: 2025. 7. 17. (목) 15:00 - 17:00 | 장소: 한양대학교 자연과학관 227호

좌 장: 강 창 구 (서울대학교)

- 15:00 - 15:12 CO 농도와 온도 상승이 멸종위기종 II 급 선제비꽃(*Viola raddeana* Regel)과 보편종 콩제비꽃(*V. verecunda* A. Gray)에 미치는 식물계절학 및 생육·번식 특성 변화
고지수
국립공주대학교 자연과학대학 생명과학과
- 15:12 - 15:24 Assessment of Possible Interaction between Wild and Poultry Birds for Estimating Avian Influenza Virus Transmission
Yoobeen Lee
Program in Biomedical Science and Engineering, Inha University
- 15:24 - 15:36 Effects of Mud Shrimp (*Upogebia major*) Bioturbation on Intertidal Seagrass (*Zostera japonica*)
Young Woo Seo
Department of Oceanography, Pusan National University
- 15:36 - 15:48 산불 발생 전후 사과 과수원의 화분매개자 속 수준 군집 변화 분석
이관희
국립경국대학교 바이오생명공학부 식물학과
- 15:48 - 16:00 장기간 친환경 제설제 노출이 가로수의 생리·생장 반응에 미치는 영향
김근호
서울대학교 농림생물자원학부 산림환경학전공

좌 장: 손 덕 주 (단국대학교)

- 16:00 - 16:12 동아시아 지역 개미에 의한 종자 분산 연구의 현재와 미래
윤성원
상지대학교 산림조경학부
- 16:12 - 16:24 Female Control of Copulation is Greater under Polyandry than Monogamy
김서현
경희대학교 이과대학 생물학과
- 16:24 - 16:36 Age-related Changes in Behavior, Unpredictability and Their Correlations in Dragonfly Larvae
양일주
경희대학교 이과대학 생물학과
- 16:36 - 16:48 Visual and Chemical Cues of Plastics Influence the Behavioral Decisions and Feeding Attempts of Ghost Crabs (*Ocypode stimpsoni*)
Sojung Kwon¹²
¹Program in Biomedical Science and Engineering, Inha University
²Department of Ocean Sciences, Inha University
- 16:48 - 17:00 Migration and Population Growth by the Nematode *C. elegans* is Driven by Sensory Behaviors in a Laboratory-simulated Ecological Habitat
Jin I. Lee
Division of Biological Science and Technology, Yonsei University Mirae Campus

제18회 여천생태학상 시상식 및 수상자 특별 강연

일시: 2025. 7. 17. (목) 17:00 - 18:00 | 장소: 한양대학교 자연과학관 227호

제2회 전국 대학생 생태학 대회

일시: 2025. 7. 18. (금) 09:00 - 11:00 | 장소: 한양대학교 자연과학관 227호

한국생물교육학회

일시: 2025. 7. 17. (목) 15:00 - 18:30 | 장소: 한양대학교 자연과학관 B116호

사회: 황의욱 (경북대학교)

15:00 - 15:10 개회사
심재호
부산대학교, 한국생물교육학회 회장

Session I

좌장: 신동훈 (서울교육대학교)

15:10 - 15:25 초등학교의 생물 관련 질문 생성 과정에 나타난 인지 전략 탐색
- ‘다양한 생물과 우리 생활’ 단원을 중심으로 -
김민주
서울교육대학교 과학교육학과

15:25 - 15:40 초등과학 교수 역량 향상을 위한 VR 콘텐츠 제작 기반 연수 프로그램 개발
김소이
서울창림초등학교

15:40 - 15:55 다큐멘터리를 활용한 토론 과정에서 나타난 생태전환교육의 가치에 대한
초등 예비교사의 담화 사례
최영미
제주대학교 창의교육거점센터

15:55 - 16:10 STEM 프로그램의 적용이 중학생의 STEM 태도 및 창의적 공학문제 해결력에 미치는 효과:
‘소화’ 단원을 중심으로
이준하
부산대학교 교육대학원 생물교육학과

16:10 - 16:25 서로 다른 문화를 가진 소집단에서 이루어지는 논변활동 양상 탐색
이유진
서울대학교 사범대학 과학교육과

16:25 - 16:45 휴식

PROGRAM

Session II

좌 장: 손 연 아 (단국대학교)

- 16:45 - 17:00 고등학교의 생태계 관련 수업 단계별 교사가 가르치는 개념적 연결

임수민
전남대학교 창의융합학부
- 17:00 - 17:15 How Do Ecologists Develop Ecological Literacy Through Life Experiences?

Se Jong Jeong¹²
¹Department of Biology Education, Seoul National University
²Seoul National University Elementary School
- 17:15 - 17:30 과학 실험 수업에서 사회정서학습(SEL) 역량은 어떻게 드러나는가?:
고등학생의 발화 기반 질적 사례 분석

SunYoung Shin
Department of Science Education, Seoul National University
- 17:30 - 17:45 생물학 수업에서 김어리톡토기(Allonychiurus kimi)를 이용한 AI 기반 자동 계수 기법
개발 및 교육적 활용

전이현
부산대학교 생물교육과
- 17:45 - 18:00 AI 도구를 활용한 CITES 실무자 역량 강화 방안: 미국, 영국, 중국, 싱가포르 등
당사국별 비교 사례 중심으로

강지혜
국립생물자원관
- 18:00 - 18:30 종합 토의 및 폐회

한국동물분류학회

심포지엄

일시: 2025. 7. 17. (목) 15:00 - 17:40 | 장소: 한양대학교 인문관 303호

사회: 박진호 (전북대학교)

15:00 - 15:10 개회사
원용진
이화여자대학교, 한국동물분류학회 회장

좌장: 최세웅 (목포대학교)

제23회 관정동물학상 시상식 및 특별강연

15:10 - 15:30 시상식

15:30 - 16:00 From Taxonomy to Phylogenetics: The *Cafius*Rove Beetles
—The Legacy of Gwanjeong Cho PS
Kee-Jeong Ahn
Department of Biology, Chungnam National University

16:00 - 16:10 휴식

제42회 하은생물학상 수상 기념 특별강연

16:10 - 16:50 Integrative Insights into Metazoan Biodiversity and Evolution:
A Journey from Morphological Taxonomy to Comparative Genomics
Joong-Ki Park
Division of EcoScience, Ewha Womans University

16:50 - 17:00 휴식

17:00 - 17:30 Revealing the Global Spread: Understanding the Evolutionary Process of the Fall
Armyworm Invasion
Kiwoong Nam
DGIMI, Univ Montpellier, Institut national de recherche pour l'agriculture, l'alimentation et
l'environnement, France

17:30 - 17:40 휴식

PROGRAM

사회: 박진호 (전북대학교)

총회

일시: 2025. 7. 17. (목) 17:40 - 18:00 | 장소: 한양대학교 인문관 303호

구두발표

일시: 2025. 7. 18. (금) 09:00 - 11:00 | 장소: 한양대학교 인문관 303호

좌장: 신승관 (서울대학교)

- 09:00 - 09:15 No Beep from the Barcode: Mitochondrial Heteroplasmy and Species Boundaries in the genus *Aphaenomurus* (Collembola: Tomoceridae)
Gyu-Dong Chang
Department of Agricultural Biology, National Institute of Agricultural Sciences
- 09:15 - 09:30 Delineating Distribution Boundaries and Investigating Spatial Genetic Structure of Korean Small Salamander (*Hynobius unisacculus*) based on Fine-scale Sampling
Daechol Jeong
Research Institute for Veterinary Science, College of Veterinary Medicine, Seoul National University
- 09:30 - 09:45 Contrasting Demographic Histories of Estuarine *Corbicula japonica* (Cyrenidae: Bivalvia) Shaped by Quaternary Sea-level Change
Haelim Kil
Division of Ecoscience, Ewha Womans University
- 09:45 - 10:00 On the Identity of *Pilumnopeus granulatus* Balss, 1933 (Crustacea: Decapoda: Brachyura: Pilumnidae), and Description of a New *Pilumnopeus* from Korea
Sang-Kyu Lee
School of Earth and Environmental Sciences, Research Institute of Oceanography, Seoul National University
- 10:00 - 10:15 Image Classification of Invasive Turtles using Deep Learning with Explainable AI
Jong-Won Baek
Department of Biotechnology Major, Sangmyung University
- 10:15 - 10:30 ASED의 최근20년간 연구 동향: 2005-2024
심정훈
충북대학교 의과대학 기생충학교실
- 10:30 - 10:45 Host Preference and Phylogenetic Analysis of *Corethrella nippon* Miyagi 1980 in Taiwan
Woo Jun Bang^{1,2}
¹*School of Biological Sciences, Seoul National University*
²*Comparative Medicine Disease Research Center, Seoul National University*

10:45 - 11:00 Genomic and Phenotypic Differentiation of *Cydia pomonella* Populations under Varied Pest Management Regimes in France

Hyerin An

Diversity, Genomes and Interactions of Microorganisms and Insects, National Institute of Agricultural Research, University of Montpellier, France

한국유전학회

총회

일시: 2025. 7. 17. (목) 14:30 - 15:00 | 장소: 한양대학교 사범대 213호

심포지엄 I

일시: 2025. 7. 17. (목) 15:00 - 16:45 | 장소: 한양대학교 사범대 213호

사회: 김 영 조 (순천향대학교)

15:00 - 15:10 개회사

정연두

서울시립대학교, 한국유전학회 회장

좌 장: 조 경 상 (건국대학교), 이 미 혜 (순천향대학교)

15:10 - 15:35 Targeting Proteostasis to Delay Organismal Aging

Seogang Hyun

Department of Life Science, Chung-Ang University

15:35 - 16:00 Genome Assembly Resources to Tackle Genome Evolution

Jun Kim

Department of Convergent Bioscience and Informatics, College of Bioscience and Biotechnology, Chungnam National University

16:00 - 16:25 Mechanistic Insights into Redox Control of FUS Biomolecular Condensates in ALS via Glutathionylation

Kiyoung Kim

Department of Medical Science, Soonchunhyang University

16:25 - 16:45 Coffee Break

PROGRAM

심포지엄 II

일시: 2025. 7. 17. (목) 16:45 - 18:00 | 장소: 한양대학교 사범대 213호

좌 장: 김 언 경 (경북대학교), 김 완 태 (서울시립대학교)

16:45 - 17:10 Ribonuclease κ Promotes Longevity by Preventing Age-associated Accumulation of Circular RNA in Stress Granules

Seung-Jae V. Lee

Department of Biological Sciences, Korea Advanced Institute of Science and Technology

17:10 - 17:35 Epigenomic Alterations during Aging Triggered by Nuclear Envelope Disruption

Jun-Yeong Lee

School of Life Science and Biotechnology, Kyungpook National University

17:35 - 18:00 MAPIB and MAPEX Identified via Machine Learning: Novel Circulating Factors Linking Muscle Aging to Sarcopenia Risk and Recovery

Dongryeol Ryu

Department of Biomedical Science and Engineering, GIST

심포지엄 III

일시: 2025. 7. 18. (금) 09:00 - 11:00 | 장소: 한양대학교 사범대 213호

사 회: 김 태 진 (부산대학교), 민 선 우 (충남대학교)

좌 장: 조 정 희 (단국대학교), 오 양 균 (이화여자대학교)

09:00 - 09:20 The Manganese Transporter SLC39A8 Links Alkaline Ceramidase 1 to Inflammatory Bowel Disease

Jin-Ho Park

Department of Biology, School of Natural Science, Kyungpook National University

09:20 - 09:40 Epigenetic Quest for Age Reversal

Jae-Hyun Yang

Department of Brain & Cognitive Sciences, Korea Advanced Institute of Science and Technology (KAIST)

09:40 - 10:00 Systems Biology Approaches for Understanding our “Second Genome” in Health and Disease

Sunjae Lee

Department of Life Sciences, Gwangju Institute of Science and Technology (GIST)

- 10:00 - 10:20 The Role of Microbe-Epithelia-Immune System Interplay in Maintaining Gut Homeostasis
Kyung Ku Jang
Department of Anatomy, Yonsei University College of Medicine
- 10:20 - 10:35 The Oncogenic Role of HERV-H-derived miR-4454 in Non-Muscle-Invasive Bladder Cancer
Eun Gyung Park
Department of Integrated Biological Science, Pusan National University
- 10:35 - 10:50 Salt Sensation and Regulation in *Drosophila*
Jiun Sang
Department of Bio & Fermentation Convergence Technology, Kookmin University
- 10:50 - 11:00 폐회사
정연두
서울시립대학교, 한국유전학회 회장

한국환경생물학회

주제: 환경생물학 일반구두발표 I

일시: 2025. 7. 17. (목) 15:00 - 18:00 | 장소: 한양대학교 자연과학관 B117호

좌 장: 이 혁 제 (상지대학교), 박 재 연 (차세대융합기술연구원)

- 15:00 - 15:20 Population Genetic and Morphological Analyses of the Cryptic Species Complex in a Korean Endemic Freshwater Fish, *Nipponocypris koreanus*, and Its Close Relative, *Nipponocypris temminckii*
Yu Rim Kim
Molecular Ecology and Evolution Laboratory, Department of Biological Science, Sangji University
- 15:20 - 15:40 환경유전자 기반 수서곤충 분석을 통한 담수 환경 평가 가능성 탐색
김희수
국립낙동강생물자원관 다양성보전연구실 다양성예측평가부
- 15:40 - 16:00 Advancing Non-thermal Plasma Technology for Wastewater Treatment
Bin Cao¹²
¹*Korea Biochar Research Center, Division of Environmental Science and Ecological Engineering, Korea University*
²*International ESG Association (IESGA)*
- 16:00 - 16:20 Mesocosm-based Assessment of Concentration-dependent Ecotoxicological Effects of Hull Cleaning Wastewater on Coastal Plankton Communities
Bora Lee
Ecological Risk Research Department, Korea Institute of Ocean Science & Technology
- 16:20 - 16:40 Biological Regulation of Microplastic Aggregation and Vertical Transport by *Chattonella Marina*: Implications for Sinking Dynamics and Resuspension Stability
Kavindu Dhananjaya Sudusinghe¹²
¹*Ecological Risk Research Department, KIOST (Korea Institute of Ocean Science and Technology)*
²*Department of Ocean Science, University of Science and Technology (UST)*
- 16:40 - 17:00 Embedding Sustainability in Higher Education Institutions: A Review of Practices and Challenges
Samhita Ankareddy¹²
¹*Division of Environmental Science and Ecological Engineering, Korea University*
²*International ESG Association (IESGA)*
- 17:00 - 17:20 Phytoplankton Community Responses to Environmental Changes in the Yellow Sea
Yejin Kim
Ecological Risk Research Department, Korea Institute of Ocean Science & Technology

PROGRAM

17:20 - 17:40 Three Tropical Epiphytic Dinoflagellate Species Recently Found in Korean Coastal Waters

Jaeyeon Park

Environment & Resource Research Convergence Center, Advanced Institute of Convergence Technology

17:40 - 18:00 *In situ* Soil Environment-based Evaluation on Degradation of Biodegradable Plastics

Geonwook Hwang¹²

¹*Division of Environmental Science and Ecological Engineering, Korea University*

²*International ESG Association*

주제: 환경생물학 일반구두발표 II

일시: 2025. 7. 18. (금) 09:00 - 11:00 | 장소: 한양대학교 자연과학관 B117호

좌 장: 백 승 호 (한국해양과학기술원)

09:00 - 09:17 Analyze the Appearance of Bats and the Ecological Characteristics of the Right Point through the Rescue Case in the Urban Ecosystem (2019–2024)

Sun-Sook Kim

Environmental Impact Assessment Team, National Institute of Ecology

09:17 - 09:34 Transgenerational Epigenetic Effects of Microplastic Fibers on *Daphnia magna*

Buom Sup Shim

Department of Marine Ecology and Environment, College of Life Sciences, Gangneung-Wonju National University

09:34 - 09:51 국내 농업생태계에 서식하는 양서류2종의 생물계절 변동 추이와 번식에 영향을 미치는 환경요인

서재영

이화여자대학교 에코과학부

09:51 - 10:08 CRISPR/Cas9 매개 p53 유전자 녹아웃 돌연변이 물벼룩에서 트리클로산 노출에 의한 산화 스트레스에 반응하는 분자적 영향평가

이진솔

성균관대학교 기초과학연구소

10:08 - 10:25 종분포모델을 이용한 두꺼비(*Bufo gargarizans*)와 물두꺼비(*B. stejnegeri*)의 번식기·비번식기 서식지 이동성 및 분포 비교

김아정

Interdisciplinary Program of EcoCreative, Ewha Womans University

10:25 - 10:42 Climate-Driven Redistribution and Sensitivity of Freshwater Fish in Korea

Mi-Jung Bae

Nakdonggang National Institute of Biological Resources

10:42 - 10:59 국립낙동강생물자원관의 담수생물 표본 디지털 이미지화 및 활용

이승현

국립낙동강생물자원관 생물표본보전부

한국식물분류학회

특별심포지엄

한국특산 왕벚나무 실체 및 향후 과제

주관: 한국식물분류학회, (사)왕벚프로젝트2050 | 후원: 산림청
일시: 2025. 7. 17. (목) 15:00 - 17:40 | 장소: 한양대학교 인문관 205호

사회: 김 상 태 (성신여자대학교)

15:00 - 15:10 개회식
한국식물분류학회 회장(김영동, 한림대학교) 인사
왕벚프로젝트2050 회장(신준환, 동양대학교) 인사

좌 장: 현 진 오 (동북아생물다양성연구소, 한국식물분류학회 전 회장)

15:10 - 15:30 왕벚나무와 소메이요시노벚나무 기원과 실체
김승철
성균관대학교

15:30 - 15:50 왕벚나무와 소메이요시노벚나무 국명에 대한 고찰
신준환
동양대학교

15:50 - 16:10 Biodiversity of *Prunus* Native to Korea
Sang-Hun Oh
Department of Biology, Daejeon University

16:10 - 16:30 휴식

16:30 - 16:50 벚나무와 일본, 그리고 우리
류순열
KPI뉴스

16:50 - 17:40 토론
토론자: 정규영(국립경국대학교, 한국식물분류학회 전 회장)
 유기억(강원대학교, 한국식물분류학회 전 회장)
 김민철(조선일보 논설위원)

PROGRAM

구두발표

일시: 2025. 7. 18. (금) 09:00 - 10:50 | 장소: 한양대학교 인문관 205호

Moderator: In-Sue Choi (Hannam University)

- 09:00 - 09:15 Flora and Vegetation Structure of Mt. Bokjusan (Chorwon-gun, Gangwon-do)
Kihyung Kim
Department of Biological Science, Kangwon National University
- 09:15 - 09:30 Integrative Cytogenetic and Phylogenetic Analysis of Korean *Luzula* Species (Juncaceae)
Daeun Jung
Department of Biological Sciences, Chungnam National University
- 09:30 - 09:45 Transcriptomic Insights into the Enigmatic Origins of Monotypic Genera *Mankyua* and *Helminthostachys* in Ophioglossaceae
Jae-Seo Shin
Department of Life Sciences, Hallym University
- 09:45 - 10:05 Coffee Break
- 10:05 - 10:20 Genetic Differentiation and Taxonomic Reassessment of *Viburnum carlesii* (Adoxaceae) based on GBS Analysis
Yun-Gyeong Choi
Department of Biology, Daejeon University
- 10:20 - 10:35 Comparative Analyses of *Scutellaria* (Lamiaceae) Mitochondrial Genomes
Jeong Woo Seo
Department of Biology, Sungshin Women's University
- 10:35 - 10:50 Determination of the Mitochondrial Genome in *Magnolia kobus* (Magnoliaceae), with an Evaluation of Various Organelle Genome Assembly Tools
Ji-Yae Suh
Department of Biology, Sungshin Women's University

한국진화학회

Oral Sessin I

일시: 2025. 7. 17. (목) 15:00 - 18:00 | 장소: 한양대학교 자연과학관 202호

Chair: Changseok Han (Kyunghee University)

- 15:00 - 15:15 육지-수생 서식지 전환 과정에서 내재적 무질서 단백질의 구조 진화: QQP 나선의 최초 보고
이정준
School of Biological Sciences, Seoul National University
- 15:15 - 15:30 Breaking the Body Outline: The Protective Role of Stripes in Hawkmoth Caterpillars (Sphingidae)
Yoonhyuk Bae
Department of Agricultural Biotechnology, Seoul National University
- 15:30 - 15:45 노화에 따른 교미 빈도에 대한 양 성의 영향 변화: 분산 구분법을 통한 이해
양동엽
경희대학교 이과대학 생물학과
- 15:45 - 16:00 일본왕개미(*Camponotus japonicus*) 군체 형성 초기의 발생 순서에 따른 일개미의 역할 분담 및 가소성
조명동
경희대학교 이과대학 생물학과
- 16:00 - 16:15 Tracing Population History in Greenland Muskoxen through Genomic Analysis of Skeletal Remains
Mijin Park
School of Biological Sciences, Seoul National University
- 16:15 - 16:30 Break Time
- 16:30 - 16:45 Sexual Conflict Shifts the Reproductive Mode in *Caenorhabditis elegans*
Seokhwan Seol
Department of Biological Sciences, Sungkyunkwan University
- 16:45 - 17:00 Genomic and Proteomic Approaches for Bacterial Species Delineation and Phylogenetic Inference
Jihyeon Kim
Interdisciplinary Program in Bioinformatics, Seoul National University

이병훈 진화학상 수상자 강연

- 17:00 - 17:30 Adaptive Radiation of Surface Locomotion and Morphology in Water Strider (Gerridae)
Woojoo Kim¹²³
¹Research Institute of Basic Sciences, Seoul National University
²School of Biological Sciences, Seoul National University
³Institute of Biodiversity, Seoul National University
- 17:30 - 18:00 General Assembly for the Korean Society for the Study of Evolution

PROGRAM

Oral Sessin II

일시: 2025. 7. 18. (금) 09:00 - 11:00 | 장소: 한양대학교 자연과학관 202호

Chair: Choongwon Jeong (Seoul National University)

- 09:00 - 09:20 Individually Assembled Genomes Reveal Intact Gene Copy Number Variation Derived from Retrotransposition and Maintained under Relaxed Selective Constraint in the Fall Armyworm
Kiwoong Nam
DGIMI, Univ Montpellier, Institut national de recherche pour l'agriculture, l'alimentation et l'environnement, France
- 09:20 - 09:35 Modelling Complex Traits with Ancestral Recombination Graphs
Hanbin Lee
Department of Statistics, University of Michigan at Ann Arbor, USA
- 09:35 - 09:50 Lepidopteran Genomes have Denser Transposable Elements in Smaller Chromosomes, Likely Driven by Non-allelic Homologous Recombination
Hyerin An
Diversity, Genomes and Interactions of Microorganisms and Insects, National Institute of Agricultural Research, University of Montpellier, France
- 09:50 - 10:05 The Evolution of Sexual Systems in the Algal Genus *Vaucheria* through Extensive Introgression and Gene Duplications
Seok-Wan Choi
Sungkyunkwan University
- 10:05 - 10:15 Break Time
- 10:15 - 10:30 Evolutionary Insights into Adaptation of Hemocyanins from Deep-Sea Hydrothermal Vent Shrimps
Hyeongwoo Choi¹²
¹*Department of Life Science, Chung-Ang University*
²*Research Center for Marine-Integrated Biomedical Technology, Pukyong National University*
- 10:30 - 10:45 Near Telomere-to-telomere Genome of the Heterolobosean Protist *Pleurostomum flabellatum* Reveals a Unique Proteomic Adaptation Strategy to Extreme Environments
Jihoon Jo¹²
¹*Department of Biological Sciences, Sungkyunkwan University*
²*Current Position: Division of Genetic Resources, Honam National Institute of Biological Resources*
- 10:45 - 11:00 Ancient Genomes from Eastern Kazakhstan Reveal Dynamic Genetic Legacy of Inner Eurasian Hunter-gatherers
Juhyeon Lee¹²
¹*School of Biological Sciences, Seoul National University*
²*Institute for Data Innovation in Science, Seoul National University*

[특별세션] 국립생태원

주제: 국가장기생태연구 과거 10년, 미래 10년

일시: 2025. 7. 17. (목) 13:00 - 15:00 | 장소: 한양대학교 자연과학관 226호

좌장: 박영석 (경희대학교)

- 13:00 - 13:15 온대 북부지역 점봉산 신갈나무림의 탄소-수분 수지 정량화
김현석
서울대학교 농림생물자원학부 산림환경학전공
- 13:15 - 13:30 점봉산 낙엽활엽수림의 토양호흡 장기 변화 특징
이재석
건국대학교 생명과학특성학과
- 13:30 - 13:45 육상생태계 초식곤충인 나방 군집의 장기생태모니터링 연구를 통한 다양성 변화 양상 규명
최세웅
목포대학교 사범대학 환경교육과
- 13:45 - 14:00 소양호 동물플랑크톤 개체수의 계절적 변동 패턴 예측
오민우
국립생태원 기후생태연구실 생태계-기후 통합정보 TF팀
- 14:00 - 14:15 기후변화 대응을 위한 장기생태연구 미래 10년 방향
박정수
국립생태원 기후생태연구실 생태변화연구팀
- 14:15 - 14:20 휴식 및 자리배치
- 14:20 - 15:00 종합토론

[특별세션] 국립호남권-국립낙동강생물자원관 공동 특별세션

주제: Development and Application of Beneficial Biological Resources for Environmental Improvement (환경 개선을 위한 유용생물자원의 개발 및 응용)

일시: 2025. 7. 17. (목) 13:00 - 15:00 | 장소: 한양대학교 자연과학관 B116호

좌 장: 최 경 민 (국립호남권생물자원관)

13:00 - 13:15 Study on the Removal of 1,4-dioxane from Chemical Manufacturing Wastewater Using a Combination of Microorganisms and Biochar

류병곤
국립낙동강생물자원관 생물소재연구부

13:15 - 13:30 남조류 공생 미생물 소재 활용 남조류 유래 독소 저감 기술 개발

이환휘
국립호남권생물자원관 환경소재연구부

13:30 - 13:45 Development of Freshwater Microorganism-based Material for Livestock Odor Reduction

한국일
국립낙동강생물자원관 생물소재연구부

13:45 - 14:00 휴식

좌 장: 오 영 택 (국립낙동강생물자원관)

14:00 - 14:15 Spatio-temporal Variation in the Bacterial Community Structure of Two Coastal Wetlands in the Korean Bays

류상돈
국립호남권생물자원관 환경소재연구부

14:15 - 14:30 Enhancing the Activity of the Drought Stress-alleviating Bacterium Lysinibacillus sp. Strain TT41 through Mixed Microbial Treatment in Plants

황예지
국립낙동강생물자원관 생물소재연구부

14:30 - 14:45 Environmental Application of Marine Bacteria in Hydrocarbon Degradation

이진아
국립호남권생물자원관 환경소재연구부

14:45 - 15:00 질의응답 및 종합토론

[특별세션] 기후변화와 환경생물

일시: 2025. 7. 17. (목) 13:00 - 14:55 | 장소: 한양대학교 자연과학관 B117호

좌장: 문성대 (주엔이비)

- 13:00 - 13:15 어도 개선에 따른 어류 종 조성 변화: 동해안 유입하천 사례
윤영진
 (주)한국생태네트워크
- 13:15 - 13:30 Development of Functional Materials and Drug Delivery Systems Using Freshwater Diatom-Based Biosilica
권대률
 국립낙동강생물자원관
- 13:30 - 13:45 Screening of PHA-Producing Freshwater Microalgae and Development of Cultivation Technology for Bioplastic Production
윤석민
 국립낙동강생물자원관
- 13:45 - 14:00 미세플라스틱의 퇴적물 대체에 따른 해양 단각류 *Monocorophium acherusicum*의 생식 영향 평가
성찬경
 (주)오셔닉
- 14:00 - 14:10 휴식
- 14:10 - 14:25 기후변화 영향에 따른 국내 담수생태계 생물종 변동 양상 및 취약종 분석
황대식
 (주)엔이비
- 14:25 - 14:40 기후변화에 따른 담수 플랑크톤 군집 및 군집 간 상호작용 변화 모의
김효겸
 한국환경연구원 환경평가본부
- 14:40 - 14:55 Effects of Culture Conditions n Bioluminescence Inhibition in *Aliivibrio fischeri* for Ecotoxicity Assessment
한병훈
 동문이엔티(주)

[특별세션] 유전자원 접근 및 이익공유(ABS) 설명회

일시: 2025. 7. 17. (목) 13:00 - 15:00 | 장소: 한양대학교 자연과학관 202호

사 회: 최 진 아 (한국환경산업협회)

- 13:00 - 13:10 인사말씀
배문환
국립생물자원관 유전자원정보관리센터
- 13:10 - 13:30 나고야의정서 및 유전자원법 소개
김현진
국립생물자원관
- 13:30 - 14:10 학술 연구자의 ABS 위반 사례
안민호
한국생명공학연구원
- 14:10 - 14:50 학술 연구자를 위한 해외 유전자원 이용시 주의사항 및 국제동향
김순웅
특허법인 정진
- 14:50 - 15:00 질의 및 응답

< 발표논문 주제 분류표 >

분류코드	주 제
A	계통 및 진화생물학 (Systematics and Evolutionary Biology)
B	생태학, 환경생물학, 행동학 및 보전생물학 (Ecology, Environmental Biology, Behavioral Science and Conservation Biology)
C	육수학 (Limnology and Hydrobiology)
D	미세구조 및 형태학 (Ultrastructure and Morphology)
E	발생생물학 (Developmental Biology)
F	생리학, 생화학 및 생물물리학 (Physiology, Biochemistry and Biophysics)
G	유전학 및 생물정보학 (Genetics and Bioinformatics)
H	생물교육학 및 생명윤리학 (Biological Education and Bioethics)

< 소속학회 분류표 >

분류코드	학 회 명	분류코드	학 회 명
1	한국생태학회	5	한국환경생물학회
2	한국생물교육학회	6	한국식물분류학회
3	한국동물분류학회	7	한국진화학회
4	한국유전학회	8	복원생태학회

< 포스터 발표 안내 >

포스터	발표 번호	발표 시간
I	A 301-340, 501-504, 601-610, 620-621, 701-710	7월 17일(목) 13:00-15:00
	B 101-140, 301-303, 401, 501-517, 535-536, 601-603	
	G 401-411, 701-702	
	H 201-229	
II	A 341-379, 401-404, 505-508, 611-619, 711-720	7월 18일(금) 13:30-14:30
	B 141-177, 304-306, 518-534, 604-606, 701-702	
	D 101-105, 301, 303, 401, 501, 601-602, 701	
	E 401, 701	
	F 101-102, 301, 401-406, 501-502	
	G 101, 412-426, 501-502, 601-602	

※ 포스터 코드의 해설 (발표논문 주제 분류표 및 소속학회 분류표 참조)

- (1) 포스터 코드의 첫 영문자는 발표논문 주제분류표에 의한 분류입니다.
- (2) 아라비아 숫자의 첫째 자리수는 소속학회 분류표에 의한 분류입니다.
- (3) 아라비아 숫자의 둘째, 셋째 자리수는 포스터의 일련번호입니다.
- (4) 예: 포스터 번호 A123은 “계통 및 진화”라는 주제로 “한국생태학회” 소속회원이 제출한 23번 포스터를 의미합니다.

※ 저자 구분 해설

p: 논문발표자, c: 교신저자, d: 논문발표자 및 교신저자

A. 계통 및 진화생물학

- A301 A New Species of the Genus *Pseudonychocamptus* Lang, 1944 (Copepoda, Harpacticoida, Laophontidae) in Korea**
 Kyuhee Cho^{p1}, Jong Guk Kim², Jimin Lee^{c1}
¹Ocean Climate Response & Ecosystem Research Department, Korea Institute of Ocean Science & Technology, Busan 49111
²Division of Zoology, Honam National Institute of Biological Resources, Mokpo 58762
- A302 A New Species of *Tetragoniceps* (Harpacticoida, Tetragonicipitidae) from Korea**
 Jihye Seo^{p12}, Kyuhee Cho¹, Jong Guk Kim³, Jimin Lee^{c1}
¹Ocean Climate Response & Ecosystem Research Department, Korea Institute of Ocean Science & Technology, Busan 49111
²Department of Convergence Study on the Ocean Science and Technology, Ocean Science and Technology School, National Korea Maritime & Ocean University, Busan 49112
³Division of Zoology, Honam National Institute of Biological Resources, Mokpo 58762
- A303 쿤밍-몬트리올 생물다양성 프레임워크 성공적 이행을 위한 국내 야생생물의 유효집단크기 연구 현황 분석**
 원하리^{p1}, 김자연¹, 강신영¹, 이경준¹, 전형배^{c2}
¹국립호남권생물자원관, 목포 58762
²국립생물자원관, 인천 22689
- A304 Mitochondrial Genome Sequencing and Phylogenetic Analysis of *Acheilognathus* sp.**
 Hyemin Seo^{p1}, Hari Won¹, Jun Seong Jeong¹, Kyung Jun Lee¹, Hyeongpyo Jeon², Hyung-Bae Jeon^{c3}
¹Honam National Institute of Biological Resources, Mokpo 58762
²Conservation Genome Resource Bank for Korean Wildlife, Seoul 08826
³National Institute of Biological Resources, Incheon 22689
- A305 Complete Mitochondrial Genome Analysis of *Callogobius tanegasimae* from Korea**
 Hae-Lim Kim^{p1}, Hari Won¹, Jihoon Jo¹, Kyung-Jun Lee¹, Chanhyung Lee², Jeong In Kim³, Hyung-Bae Jeon^{c4}
¹Honam National Institute of Biological Resources, Mokpo 58762
²Jeju National University, Jeju 64243
³asari-fish specialist group
⁴National Institute of Biological Resources, Incheon 22689
- A306 Two New Species of the Genus *Incisocalliope* (Crustacea, Amphipoda, Pleustidae) from Korean Waters, with a Taxonomic Reevaluation of the Genus**
 Kyung-Won Kim^p, Young-Hyo Kim^c
 Dankook University, Department of Biological Sciences, Cheonan 31116
- A307 First Record of the Genus *Anisogammarus* (Crustacea, Amphipoda, Anisogammaridae) from Korea, with Description of a New and a Newly Recorded Species**
 Yu-Ri Nam^p, Jae-Hong Choi, Young-Hyo Kim^c
 Department of Biological Sciences, Dankook University, Cheonan 31116
- A308 Two Newly Recorded Genera of the Superfamily Platysceloidea (Crustacea: Amphipoda: Hyperiidea) from Korean waters**
 June Kim^p, Young-Hyo Kim^c
 Department of Biological Sciences, Dankook University, Cheonan 31116
- A309 First Record of the Family Maxillipiidae (Crustacea: Malacostraca: Amphipoda) from Korea, Including a New Species and a New Record Species of the Genus *Maxillipius***
 Jeong-Hyeon Lee^p, Kyung-Won Kim, Young-Hyo Kim^c
 Department of Biological Sciences, Dankook University, Cheonan 31116

일반 학술발표(포스터) 목록

- A310 A New Record of the Genus *Iphiplateia* (Crustacea, Amphipoda, Phliantidae) from Korean Waters, with Description of New Recorded Species *Iphiplateia whiteleggei***
Jae-hong Choi^p, So-Yeon Shin, Young-Hyo Kim^c
Department of Biological Sciences, Dankook University, Cheonan 31116
- A311 Preliminary Data on the Ostracod (Crustacea) Fauna of the Bukhangang Region**
Suvín Seok^p, Ivana Karanovic^c
Animal Systematics and Evolution Lab, Department of Life Sciences, Hanyang University, Seoul 0476
- A312 A Taxonomic Review of Korean Xantholinini (Coleoptera: Staphylinidae: Staphylininae)**
Joon-Yong Park^p, Kee-Jeong Ahn^c
Department of Biology, Chungnam National University, Daejeon 34134
- A313 Molecular Phylogeny of Korean *Bryothinus* Casey (Coleoptera: Staphylinidae: Aleocharinae)**
Jong-Keun Jung^p, Kee-Jeong Ahn^c
Department of Biology, Chungnam National University, Daejeon 34134
- A314 A Molecular Phylogeny of Bythinini (Staphylinidae, Pselaphinae) from Korea with New Species Description**
Yeon-Jae Choi^{p1}, Christopher E. Carlton², Jong-Seok Park^{c3}
¹Basic Science Research Institute, Chungbuk National University, Cheongju 28644
²Department of Entomology, Louisiana State University Agricultural Center, 404 Life Sciences Building, Baton Rouge, LA, 70803 USA
³Department of Biological Sciences and Biotechnology, Chungbuk National University, Cheongju 28644
- A315 Review on the *lewisii*-group Species of the Genus *Acrotrichis* (Insecta: Coleoptera: Ptiliidae)**
Taeyoung Jang^{p1}, Martin Fikáček², Jong-Seok Park^{c1}
¹Department of Biological Sciences and Biotechnology, Chungbuk National University, Cheongju 28644
²Department of Biological Sciences, National Sun Yat-sen University, Kaohsiung 80424, Taiwan
- A316 Brief Study of Endangered Species, *Cicindela (Abroscelis) anchoralis* Chevrolat, 1845, based on DNA Barcoding**
Kang-San Kim^p, Deokjea Cha, Kuem Hee Jang^c
Insect & Invertebrate Research Team, Research Center for Endangered Species, National Institute of Ecology, Yeongyang 36531
- A317 Development of an Integrated DB AI Language Model: Building a Biodiversity-Specialized On-Premises Language Model**
Hyung-Bae Jeon^c, Dongseok Jang^p, Seon Man Kweon, Seung Hun Son, Heeyoung Kim
Biodiversity Research and Cooperation Division, National Institute of Biological Resources, Incheon 22689
- A318 First Record of the Symbiotic Goose Barnacle *Alepas pacifica* Pilsbry, 1907 (Thoracica, Scalpellomorpha) from Korea**
Hyun Kyong Kim^{p1}, Jong Guk Kim¹, Bum Sik Min¹, Sang Hui Lee^{c2}
¹Honam National Institute of Biological Resources, Mokpo 58762
²National Marine Biodiversity Institute of Korea, Seocheon 33662
- A319 A New Harpacticoid Copepods of the Genus *Typhlamphiascus* Lang, 1944 (Copepoda, Harpacticoida, Miraciidae) from Korean Waters**
Jong Guk Kim^{p1}, Seong Myeong Yoon^{c2}
¹Division of Zoology, Honam National Institute of Biological Resources, Mokpo 58762
²Department of Biology, College of Natural Sciences, Graduate School, Chosun University, Gwangju 61452
- A320 First Report of *Aspidelectra bihamata* (Bryozoa: Cheilostomata: Electridae) from South Korea**
Bum Sik Min^p, Jong Guk Kim, Chang Jun Lee, Hyun Kyong Kim^c
Division of Zoology, Honam National Institute of Biological Resources, Mokpo 58762

- A321 전라남도 광양지역 다슬기에서 추가 확인된 흡충류 유충의 형태학적 및 분자생물학적 다양성**
이하은^p, Emmanuel Opara, 장환, 이창현, 이현우, 오현민, 최성준^c
충북대학교 의과대학 기생충학교실, 청주 28644
- A322 First Record of *Raillietiella* sp. (Sambon, 1910) (Pentastomida: Raillietiellidae) from an Imported Tokay Gecko, *Gekko gecko* (Linnaeus, 1758) (Reptilia: Gekkonidae) in Korea**
Hyunmin Oh^{p1}, Ryanka Edila², Seongjun Choe^{c1}
¹Department of Parasitology, School of Medicine, Chungbuk National University, Cheongju 28644
²Doctoral Program of Veterinary Science, Faculty of Veterinary Medicine, Airlangga University, East Java 60115, Indonesia
- A323 First Record of *Pomphorhynchus sebastichthydis* Yamaguti, 1939 (Acanthocephala: Pomphorhynchidae) in the Korean Rockfish, *Sebastes schlegelii* (Hilgendorf, 1880), from Korea**
Heon Woo Lee^p, Seongjun Choe^c
Department of Parasitology, School of Medicine, Chungbuk National University, Cheongju 28644
- A324 A Novel Lecithodendriid Trematode in an Unusual Host: First Record from *Liobagrus andersoni* in Korea and Insights Using Integrative Taxonomic Approaches**
Emmanuel Opara^{p1}, Ha-eun Lee¹, Hyeonmin Oh¹, Heon Woo Lee¹, Sunmin Kim¹, Mohammed Mebarak Bia¹, Seongjun Choe^{c12}
¹Department of Parasitology, School of Medicine, Chungbuk National University, Cheongju 28644
²Biomedical Research Institute, Chungbuk National University Hospital, Cheongju 28644
- A325 A Newly Recorded Sea Cucumber, *Holothuria (Selenkothuria) moebii* (Holothuroidea: Holothuriida: Holothuriidae), from Jeju Island, Korea**
Jinho Lee^{p13}, Taekjun Lee^{c23}
¹Department of Environmental Horticulture, Graduate School of Sahmyook University, Seoul 01795
²Department of Animal Resources Science, Sahmyook University, Seoul 01795
³Marine Animal Biodiversity Center, Sahmyook University, Seoul 01795
- A326 A Newly Recorded Tropical Sea Cucumber, *Holothuria leucospilota* (Holothuroidea: Holothuriida: Holothuriidae), from Jeju Island, Korea**
Jinho Lee^{p13}, Taekjun Lee^{c23}
¹Department of Environmental Horticulture, Graduate School of Sahmyook University, Seoul 01795
²Department of Animal Resources Science, Sahmyook University, Seoul 01795
³Marine Animal Biodiversity Center, Sahmyook University, Seoul 01795
- A327 First Record of *Herdmania pallida* (Ascidacea: Stolidobranchia: Pyuridae) in South Korea and Genetic Evidence Suggesting Cryptic Diversity**
Soyeon Kwon^{p12}, Jinho Lee¹², Sehun Jeon¹², Hoon Jeong³, Taekjun Lee^{c23}
¹Department of Environmental Horticulture, Sahmyook University, Seoul 01795
²Marine Animal Biodiversity Center, Sahmyook University, Seoul 01795
³Department of Animal Resources Science, Sahmyook University, Seoul 01795
- A328 Complete Mitochondrial Genome of *Symplegma reptans* (Ascidacea, Stolidobranchia, Styelidae) and Phylogenetic Analysis**
Soyeon Kwon^{p12}, Gilpyo Kim¹², Sehun Jeon¹², Taekjun Lee^{c13}
¹Marine Animal Biodiversity Center, Sahmyook University, Seoul 01795
²Department of Environmental Horticulture, Graduate school of Sahmyook University, Seoul 01795
³Department of Animal Resources Science, Sahmyook University, Seoul 01795
- A329 Complete Mitochondrial Genome of *Decametra tigrina* (Crinoidea, Comatulida, Colobometridae) and Phylogenetic Analysis**
Gilpyo Kim^{p1}, Yujin Choi²³, Soyeon Kwon²⁴, Sehun Jeon²⁴, Taekjun Lee^{c23}
¹National Marine Biodiversity Institute of Korea, Seocheon 33662
²Marine Animal Biodiversity Center, Sahmyook University, Seoul 01795
³Department of Animal Resources Science, Sahmyook University, Seoul 01795
⁴Department of Environmental Horticulture, Graduate School of Sahmyook University, Seoul 01795

일반 학술발표(포스터) 목록

- A330 Taxonomic Redescription of the Rare Brittle Star *Ophiacantha linea* (Ophiuroidea: Ophiacanthida: Ophiacanthidae) from Marado Island, Korea, based on Morphological and Molecular Data**
Yujin Choi^{p12}, Taekjun Lee^{c12}
¹Marine Animal Biodiversity Center, Sahmyook University, Seoul, Korea
²Department of Animal Resources Science, Sahmyook University, Seoul, Korea
- A331 Population Genetic Structure and Mitogenomic Characteristics of *Mesocentrotus nudus* (Echinoidea, Camarodonta, Strongylocentrotidae) from Korea**
Yujin Choi^{p12}, Jinho Lee¹³, Sehun Jeon¹³, Hyeokjin Woo¹², Hyeokjae Lee¹², Haein Ji¹², Jeongmin Jin¹², Taekjun Lee^{c12}
¹Marine Animal Biodiversity Center, Sahmyook University, Seoul 01795
²Department of Animal Resources Science, Sahmyook University, Seoul 01795
³Department of Environmental Horticulture, Graduate School of Sahmyook University, Seoul 01795
- A332 A Newly Recorded Sea Star, *Henricia olga* (Asteroidea: Spinulosida: Echinasteridae), from East Sea, Korea**
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- A333 Complete Mitochondrial Genome of *Herdmania pallida* (Ascidacea, Stolidobranchia, Pyuridae) and Phylogenetic Analysis**
Soyeon Kwon^{p12}, Jinho Lee¹², Sehun Jeon¹², Gilpyo Kim¹², Taekjun Lee^{c13}
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³Department of Animal Resources Science, Sahmyook University, Seoul 01795
- A334 Population Genetic Studies of *Tetraclita Japonica* (Balanomorpha: Tetraclitidae) based on Mitochondrial *COI* and Genome-wide SNPs in South Korea**
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⁵Institute for Korean Herb-Bio Convergence Promotion, Kyungpook National University, Daegu 41566
⁶Phylomics Inc., Daegu 41910
- A335 Image Classification of four Araneidae (Arachnida: Araneae) Species as Climate-sensitive Biological Indicator Using Deep Learning Model**
Gyeongmin Kim^p, Kwang Shik Choi^c
Department of Biology, College of Natural Sciences, Kyungpook National University, Daegu 41566
- A336 Necessity and Role of the Marine Fish Resources Bank of Korea**
Jin-Koo Kim
Department of Marine Biology, Pukyong National University, Busan 48513
- A337 제주 근해에서 채집된 날개벌과(Bregmacerotidae) 어류 3종의 자치어 형태발달**
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- A338 한국 제주도에서 채집된 학공치과 어류, *Oxyporhamphus micropterus* 첫 기록**
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국립부경대학교 수산과학대학 자원생물학전공, 부산 48513

- A339 한국 제주도 서귀포에서 통돮과 어류, *Lutjanus xanthopinnis*의 첫 출현**
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- A340 한국산 까나리과 (Ammodytidae) 어류의 분류학적 재검토**
김현정^p, 김진구^c
국립부경대학교 수산생명과학부 자원생물학과, 부산 48513
- A341 Integrative Taxonomic Approach Reveals a New *Gammarus* Species (Crustacea, Amphipoda, Gammaridae) from the Mountainous Region of South Korea**
Yong-Uk Ahn^p, Gi-Sik Min^c
Department of Biological Sciences and Bioengineering, Inha University, Incheon 22212
- A342 First record of *Schistomeringos japonica* (Eunicida: Dorvilleidae) from Jeju Island, Korea**
Seong-Hun Kang^{p1}, A Hyeon Lee², Ji Young Moon², Min Jong Park², Jin-Ho Park^{c12}
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- A343 Description of New Sand-dwelling *Rhynchothorax* Species (Pycnogonida: Rhynchothoracidae) from Korean Waters with Note on Novel Morphological Traits**
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- A344 Mitogenomic Phylogenetic Analysis of Onthophagini (Coleoptera: Scarabaeidae: Scarabaeinae)**
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⁴Institute for Korean Herb-Bio Convergence Promotion, Kyungpook National University, Daegu 41566
⁵Phylomics Inc., Daegu 41910
- A345 An Integrative Taxonomy of Two *Paratlanticus* Species (Orthoptera: Tettigoniidae) in South Korea**
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⁴Institute for Korean Herb-Bio Convergence Promotion, Kyungpook National University, Daegu 41566
⁵Phylomics Inc., Daegu 41910
- A346 New Report of Two Eunicid Polychaetes (Annelida: Eunicidae) from Korea with Generic Reassignment**
Ha-Eun Lee^{p1}, Taeseo Park^{c2}, Gi-Sik Min^{c1}
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- A347 Mitochondrial Genome Phylogeny and Gene Arrangement in Three Newly Determined Polyplacophoran Taxa (Protochitonidae, Ischnochitonidae, and Cryptoplacidae)**
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- A348 Phylogenetic Analysis of the Subfamily Micromyinae (Diptera: Cecidomyiidae)**
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- A349 New Record of Pisione (Annelida: Polychaeta: Sigalionidae; Pisioninae) from South Korea**
Hyun Ki Choi
National Institute of Biological Resources, Incheon 22689
- A350 Polychaetae Fauna of Jindo Island, Korea**
Kwang-Soo Kim^{p1}, Hyun Ki Choi¹, Ha-Eun Lee², Jiseon Park³, Taeseo Park^{c1}
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²Department of Biological Sciences and Bioengineering, Inha University, Incheon 22212
³School of Biological Sciences, Seoul National University, Seoul 08826
- A351 Genetic Insights into Three Species of *Cystiphora* (Diptera: Cecidomyiidae) on *Taraxacum* (Asteraceae) Species in South Korea: Exploring the possibility of Host Shifts**
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- A352 First record of *Liomera venosa* (H. Milne Edwards, 1834) from Korean Waters, a Tropical-subtropical Xanthid Crab**
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- A353 Three *Encentrum* Rotifers New to Korea, Including One New Species**
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- A354 Expanding the Family Tropidoattractidae: Characterization of Two New *Tropidoattractus* Species (Armophorea: Metopida) from South Korea based on Morphology and Molecular Phylogeny**
Nanda Dwi Kristanti^p, Mann Kyoon Shin^c
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- A355 Morphology and Molecular Phylogeny of Two Newly Recorded Heterotrich Ciliates from Korea**
Jemin Park^p, Mann Kyoon Shin^c
Department of Biological Sciences, University of Ulsan, Ulsan 44610
- A356 Unveiling the Species Diversity of Genus *Bothrostoma* Stokes, 1887 (Ciliophora; Armophorea; Metopidae)**
Quoc Dung Nguyen^p, Mann Kyoon Shin^c
Department of Biological Science, University of Ulsan, Ulsan 44616
- A357 Resolving Taxonomic Uncertainty: Morphology and Molecular Insights from *Metopus laminarius* Kahl, 1927 and *M. latus* Kahl, 1927 (Ciliophora; Armophorea; Metopida)**
Novia Cahyani, Nanda Dwi Kristanti, Quoc Dung Nguyen, Borong Lu, Mann Kyoon Shin^d
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- A358 Phylogenetic and Morphological Evidence Suggesting Potential New Species within *Triops longicaudatus***
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⁵Phylomics Inc., Daegu 41910
- A359 Investigating Mitochondrial Genome Diversity and Phylogeny in Tenebrionidae Beetles from Korea**
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⁴Institute for Korean Herb-Bio Convergence Promotion, Kyungpook National University, Daegu 41566
⁵Phylomics Inc., Daegu 41910
- A360 Characterization and Comparison of the Complete Mitochondrial Genomes in the Genus *Siphonaria* (Gastropoda: Siphonariidae)**
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- A361 Cryptic Diversity of Colepid Ciliates (Protozoa, Ciliophora) Revealed by the Mitochondrial Apocytochrome b Gene**
Je-Woong Yoon^p, Jae-Ho Jung^c
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- A362 Uncovering Phylogenetic Complexity in Miraciidae (Copepoda: Harpacticoida): An Integrated Morphological and Molecular Approach**
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- A363 Molecular Phylogenetic Status of Korean *Culter brevicauda* (Cypriniformes: Cyprinidae)**
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⁵Phylomics Inc., Daegu 41910
- A364 Faunal Study on Invertebrates in the Bathyal Zone of the East Sea, Korea**
Chi-Hyeon Kim^p, Myung-Hwa Shin^c
National Marine Biodiversity Institute of Korea, Seocheon 33662
- A365 Four Species of the Saprophagous Fly Genus *Anevrina* (Diptera: Phoridae) Newly Recorded from South Korea**
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- A366 Three New Earthworms of the *Pheretima sangirensis* group (Clitellata: Megascolecidae) from Aurora Province, Philippines**
Yong Hong^{p1}, Samuel W. James^{c2}
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- A367 New Earthworms of the Genus *Pheretima* (Clitellata: Megascolecidae) from Mt. Bulusan, Sorsogon Province, Philippines**
Yong Hong^p, Samuel W. James^c
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^cDepartment of Biology, University of Iowa, Iowa City, Iowa, USA 52242
- A368 The Earthworm Fauna of Catanduanes Island, Philippines with Two New Species of the Genus *Pheretima* (Clitellata, Megascolecidae)**
Yong Hong^p, Samuel W. James^c
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^cDepartment of Biology, University of Iowa, Iowa City, Iowa, USA 52242
- A369 The Complete Mitochondrial Genome of the Korean Endemic Earthworm *Amyntas susakii* (Clitellata: Megascolecidae)**
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²Department of Plant Medicine, College of Agriculture & Life Science, Jeonbuk National University, Jeonju 54896
- A370 Complete Mitochondrial Genome of the Earthworm *Amyntas heteropodus* (Clitellata: Megascolecidae): Mitogenome Characterization and Phylogenetic Positioning**
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²Department of Plant Medicine, College of Agriculture & Life Science, Jeonbuk National University, Jeonju 54896
- A371 Two new Species of the Genus *Pholcus* (Araneae: Pholcidae) from Korea**
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²Department of Plant Medicine, Division of Bio-Resource Sciences, Kangwon National University, Chuncheon 24341
- A372 Two Newly Recorded High-elevation Microhabitat Species of *Cordilura* (Diptera: Scathophagidae) from South Korea**
Sangjin Han^p, Seungwan Shin^c
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- A372 Morphological and Molecular Analyses Reveal an Overlooked Species within “*Siphonaria japonica* (Donovan, 1824)” (Gastropoda, Siphonariidae) in Korea**
Yukyung Kim^{p1}, Jina Park¹, Damin Lee², Tomoyuki Nakano³, Douglas J. Eernisse⁴, Joong-Ki Park^{c1}
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- A374 Ploidy Variation and Taxonomic Reassessment in the Genus *Iksookimia***
Min Jae Kim^p, Yong-Jin Won^c
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- A375 Three Feather Mites of Genus *Proctophyllodes* (Analgoidea: Proctophyllodidae) from the Three Tits (Passeriformes: Paridae) in Korea**
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- A376 First records of *Assimineia parasitologica* and *Angustassimineia satumana* (Assimineidae: Gastropoda) in South Korea**
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- A377 Discovery of Genus *Filixungulia* Wei (Hymenoptera: Tenthredinidae) from Korea**
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⁵Institute for Korean Herb-Bio Convergence Promotion, Kyungpook National University, Daegu 41566
⁶Phylomics Inc., Daegu 41910
- A378 Comparative Analysis of *Scolopedra* Mitogenomes**
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⁴Institute for Korean Herb-Bio Convergence Promotion, Kyungpook National University, Daegu 41566
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- A379 Unveiling Previously Unrecorded Marine Oligochaetes from Jeju Island, Korea**
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- A401 An Integrative Taxonomic Review of *Vespa crabro* Subspecies based on Morphological and Molecular Evidence**
Yonghan Ji^{p12}, Hyungi Lee¹, Byoungyun Choi¹², Yujin Noh¹², Gilsang Jeong³, Moon Bo Choi^{c4}, Kyoung Sang Cho^{c12}
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⁴Institute of Agricultural Science and Technology, Kyungpook National University, Daegu 41566
- A402 A New Microsatellite Marker System for Identification and Parentage Test for the Asiatic Black Bears Restoring in South Korea**
Cheol-hyun Myung¹, Tae-Wook Kim², Woo-Jin Jeong², Jeong-Jin Yang², Sa-Hyun Lee², Doo-Ha Yang², Hyun Tae Lim¹³, Sang-Hyun Han^{d2}
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- A403** **Microsatellite Genotype-Based Genetic Diversity and Population Structure of the Reeves' Turtles (*Mauremys reevesii*) in South Korea**
Kwang-Seon Moon^{1,2}, Young-Gu Lee³, In-Yeob Kim⁴, Tae-Wook Kim⁵, Sa-Hyun Lee⁵, Doo-Ha Yang⁵, Sang-Hyun Han⁵, Ha-Cheol Sung⁶
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⁵National Park Institute for Wildlife Conservation, Korea National Park Service, Yeongju 36015
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- A404** **Genetic Characteristic and Population Histories of The Oriental Fire-bellied Toad (*Bombina orientalis*) in Geojedo Island, Korea**
Yun Jung Kim^p, Hyun Geun Cho, Sook Young Cho, Ji Hwa Jung^c
Division of Zoology, Honam National Institute of Biological Resources, Mokpo 58762
- A501** **Morphology and Phylogeny of the Marine Benthic-epiphytic Dinoflagellate *Spiniferodinium imaii* sp. nov. (Gymnodiniales) from Intertidal Sandy Beaches on the Southern Coast of Korea**
Da Bin Choi^{p1}, Minseok Jeong², Zhun Li⁴, Joo Yeon Youn², Kyong Ha Han^{2,3}, Hyeon Ho Shin^{c1}
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³Department of Environmental Sciences, Hanyang University, Seoul 04763
⁴Biological Resource Center/Korean Collection for Type Cultures (KCTC), Korea Research Institute of Bioscience and Biotechnology, Jeongeup 56212
- A502** **Unravelling of a New Cryptic Species of *Spirinia* (Nematoda: Desmodoridae) Using SSU/LSU rDNA Divergence**
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¹Department of Environmental Science, Hanyang University, Seoul 04763
²Biodiversity Research Department, National Institute of Biological Resources, Incheon 22689
- A503** **담수어류 참갈겨니(*Nipponocypris koreanus*)와 갈겨니(*Nipponocypris temminckii*) 교잡 가능성 및 분류학적 형질에 대한 유전적 분석**
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- A504** **Phylogeny of Desmidiales (Conjugatophyceae, Charophyta) in Korea based on Multigene Data Analysis**
Jae Hak Lee^{p1}, Ga Yeong Jeon^{2,3}, Bok Yeon Jo¹, Yu Ho Kim¹, Yeong Chae Yoo^{2,3}, Eu Jin Chung¹, Ji Young Moon¹, Eun Chan Yang^{2,3}, Seung Won Nam^{c1}
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²Ocean Climate Response & Ecosystem Research Department, Korea Institute of Ocean Science & Technology, Busan 49111
³Department of Ocean Science, University of Science and Technology, Daejeon 34113
- A505** **Cell Types in *Daphnia galeata* Exhibit Functional Heterogeneity by Single-Cell RNA Sequencing**
Seung-Min Han^p, Sung-Wook Kim, Tae-June Choi, Hyung-Eun An, Min-Ho Mun, Jong-Won Baek, Jae-in Shin, Chang-Bae Kim^c
Biotechnology Major, Sangmyung University, Seoul 03016
- A506** **Association between Gut Microbiota and Life-History Traits for Understanding Adaptive Strategies of *Daphnia galeata* under Fish Predation Risk**
Sung-Wook Kim^p, Seung-Min Han, Min-Ho Mun, Tae-June Choi, Hyung-Eun An, Jong-Won Baek, Jae-in Shin, Chang-Bae Kim^c
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- A507** **Microalgal Diversity in Rainwater**
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²Department of Life Science, Hanyang University, Seoul 04763

- A508 2022-2024년 제주 연안에서 출현한 *Pseudo-nitzschia* 종들과 신종후보종 *Pseudo-nitzschia* sp.의 계통분류학적 연구**
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³한양대학교 자연과학대학 생명과학과, 서울 04763
- A601 좀들팔의 색소체 유전체 분석 및 계통 유연관계 규명**
 김수장^p, 변혜주, 설보윤, 최인수^c
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- A602 First Record of *Sedum danjoense* (Crassulaceae) from a Korean Island: Evidence from Morphological, Cytogenetic, and Molecular Analyses**
 Bo-Mi Nam^{d1}, Kwi-Kwan Jeong², Yongsung Kim¹, Takuro Ito³, Jae Cheol Jung⁴, Hyeok Jae Choi^{c3}
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- A603 Phylogenomic Reconstruction Reveals Temporally Distinct Hybrid Origins in *Iris minutoaurea* and *I. odaesanensis***
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- A604 Phylogenetic Distinctiveness and Evolutionary Origin of *Pseudostellaria palibiniana* var. *gagedoensis* (Caryophyllaceae) from Gageo Island, Korea**
 Yongsung Kim
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- A605 Insights into Chromosomal Evolution and Genomic Structure of *Ajuga* Species in East Asia Using rDNA Loci Number and Genome-wide SNPs**
 Bokyung Choi^{p1}, Hyeonjin Kim¹, Daeun Jung¹, Koji Takayama^{c2}, Tae-Soo Jang^{c1}
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- A606 Phylogenetic Relationships, Genome Size Variation and Chromosome Number Evolution in *Zanthoxylum***
 Tae-Soo Jang^p, Sungju Kim, Joonseo Bae, Bokyung Choi^c
 Department of Biological Science, College of Bioscience and Biotechnology, Chungnam National University, Daejeon 34134
- A607 Genomic Diversity and Structure of Seashore Spatulate Aster Across Peninsular and Island Populations on the East Coast Region of Korea**
 Homervergel G. Ong^{p12}, Eui-Kwon Jung³, Woo-Ho Kim³, Yong-In Kim², Jung-Hoon Lee², Bo-Yun Kim⁴, Tae-Hun Kim³, Su-Yeon Song³, Hun-Chan Lee³, Young-Dong Kim^{c13}
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- A608 남한 미기록종 *Braya humilis* (C.A.Mey.) B.L.Rob. (십자화과)**
 강민재^{p1}, 정연선², 김보윤³, 정익권¹, 김영동^{c1}
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- A609 Characterization of the Chloroplast Genome of *Adenophora koreana* (Campanulaceae), a Korean Endemic Species**
Yoo-Jung Park^p, Hyeyeon Kim, Jieun Park, Ho-Kwon Kwak, Ha-Rim Lee, Halam Kang, Kyeong-Sik Cheon^c
Department of Biological Science, Sangji University, Wonju 26339
- A610 Phylogenomic Analysis of Korean *Phedimus* (Crassulaceae) Using Targeted Capture Sequencing**
Ho-Kwon Kwak^{p1}, Yoo-Jung Park¹, Halam Kang¹, Ha-Rim Lee¹, Kyeong-Sik Cheon¹, Kyung-Ah Kim^{c2}
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- A611 엉겅퀴속(*Cirsium* Mill.)의 1신종: *C. reflexiphyllarium* S. H. Kim & G. Y. Chung (반곡엉겅퀴)**
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- A612 국내 처녀이끼의 배수성 및 유전적 다양성 분석**
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- A613 Comparative Analysis of Complete Chloroplast Genome and Phylogenetic Relationships of *Arundinaria munsuensis* (Poaceae) and Closely Related Species within the Tribe Arundinarieae**
Amarsanaa Gantsetseg^{p1}, Young-Jong Jang², Eun-Kyeong Han¹, Tae-Im Heo³, Dong Chan Son⁴, Jong-Soo Park⁵, Jung-Hyun Lee^{c1}
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⁴Division of Forest Biodiversity and Herbarium, Korea National Arboretum, Pocheon 11186
⁵Division of Botany, Honam National Institute of Biological Resources, Mokpo 58762
- A614 Genetic Structure of *Juniperus procumbens* Populations Revealed by RNA-seq-based SNP Analysis**
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- A615 Comparative Analyses of *Swertia* Complete Chloroplast Genomes with Newly Assembled Chloroplast Genomes of *S. tetrapetala* and *S. pseudochinensis* (Gentianaceae)**
Sung Kyung Han^p, Sang-Hyun Lee, Sung-Hyuk Park, Sung-Mo An, Gumsung Cheon, Jeongsuk Kang, Minse Lee, Jun-Gi Byeon^c
Baekdudaegan Conservation Office, Baekdudaegan National Arboretum, Korea Arboreta and Gardens Institute, Bonghwa 36209
- A616 Development of an Image-assisted Interactive Key for Lamiaceae in Korea**
Yeon-Ju Son^{p12}, Sangtae Kim^{c1}
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²Division of Forest Biodiversity, Korea National Arboretum, Pocheon 11186
- A617 Phylogeny and Biogeography of the *Daphne* Group (Thymelaeaceae)**
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²Department of Botany & Herbarium PRC, Charles University, Benátská 2, Czechia
- A618 Fruiting Traits and Genetic Variation in *Viburnum opulus* (Adoxaceae)**
Hyun Jun Kang^p, Yun Gyeong Choi, Sang-Hun Oh^c
Department of Biology, Daejeon University, Daejeon 34520

- A619** **백서향나무 종복합체의 분자계통학적 연구**
김윤수^p, 오상훈^c
Department of Biology, Daejeon University, Daejeon 34520
- A620** **A New Distribution Record of *Corydalis edulis* (Papaveraceae) in Korea**
Jung Sim Lee^{p1}, Jung-Hyun Kim^{p2}, Seong Won Lee³, Sungyu Yang⁴, Min-Ha Kim^{c5}
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⁵Species Diversity Research Division, National Institute of Biological Resources, Incheon 22689
- A621** **한반도 Sparganiaceae Hanin(흑삼릉과) *Sparganium* L. (흑삼릉속) 식물의 분류학적 재검토**
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- A701** **Diel Behavior of the Family Erebidae (Insecta, Lepidoptera) and their Evolutionary Trajectories**
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- A702** **A Biogeographical Analyses Identified Underestimated Diversity of the Genus *Allochthonius* (Pseudoscorpiones: Pseudotyranochthoniidae)**
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- A703** **Hypothetical Functions of Leg Hair Structures in the Giant Water Strider (*Gigantometra gigas*): Adaptations to Unique Locomotion and Large Body Size**
Woojoo Kim^{p123}, Jungmoon Ha², Thai Hong Pham⁴, Piotr G. Jablonski^{c25}, Sang-im Lee^{c6}, Seunggwon Shin^{c23}
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- A704** **Dog Domestication Through the Lens of GEI: Body Size Evolution and Ancestral Alleles**
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- A705** **Population Structure of *Psychoda alternata* (Diptera: Psychodidae): High-Rise Buildings—Genetic Islands in the City for Moth Flies?**
Hyeongmin Kim^{p12}, Jonghwan Choi¹², Sanggyun Jin¹², Woo Jun Bang¹², Sun-Jae Park³, Seung-Gyu Lee³, Min Jeong Baek³, Taemin Kang³, Seunggwon Shin^{c12}
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- A706 Delineating Multi-layered Origins of Human Populations in Beringia Using Ancient and Present-day Genomes**
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- A707 Multiple Introductions of European-Related Lineages Shaped the Population Structure of Chinese Goats**
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- A708 Life Cycle Variation and Identification of Flowering Time-Associated Genes in Korean *Capsella bursa-pastoris* (Brassicaceae)**
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- A709 Ancient Genomes from the Shiveet Khaikhan Archaeological Site Reveal the Genetic Connectivity between Early Iron Age pastoralists**
Hyoungmin Moon^{p1}, Mijin Park¹, Juhyeon Lee^{1,2}, Donghee Kim^{1,2}, Eun Min Cho³, Suyeon Kim³, Soyeong Kang^{c3}, Takashi Gakuhari^{c4}, Choongwon Jeong^{c12}
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- A710 Reconstructing a Dense Network of Kinship and Social Practices from a Mongol Period Cemetery in Northern Mongolia**
Niharika Joshi^{p1}, Alicia Ventresca Miller^{2,3}, Christina Warinner^{4,5}, Julia Clark⁶, Bayarsaikhan Jamsranjav⁶, Choongwon Jeong^{c17}
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- A711 Comparative Single-Cell Transcriptomic Analysis of the *Drosophila* Antennal Olfactory System**
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- A712 Long Term Evolution Experiment: High Temperature Adaptation of *Caenorhabditis elegans***
Ji Hyun Kyoung^p, Seokhwan Seol, Eunju Jung, Suhyeon Jo, Daehan Lee^c
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- A713 Decoding Morphotype Transitions in Choanoflagellates**
Seongwon Hong^p, Daehan Lee^c
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- A714 Self and Non-Self Recognition in the Moon Jellyfish *Aurelia* Species**
Suhyeon Jo^p, Daehan Lee^c
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- A715** **Tracing the Molecular Origins of Bacteria-Animal Interactions through Coevolution between *Salpingoeca rosetta* and *Echinicola pacifica***
Jiho Shin^p, Kyungeon Kim^p, Daehan Lee^c
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- A716** **Organelle Phylogenomics Reveals Evolutionary History of *Pyropia***
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⁴Department of Biology, University of New Brunswick, Fredericton, NB E3B 5A3, Canada
- A717** **Phylogeography of *Asparagopsis taxiformis* in Korea with Insights into Incipient Allopatric Speciation within Lineage-2**
Jongwon Lee^{p1}, Ga Hun Boo², Sang-Yun Han¹, Il-Ki Hwang³, Yongsung Lee¹, Kyeong Mi Kim⁴, Hwan Su Yoon^{c1}
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- A718** **Organelle Genome Evolution in Ishigeales, an Early-Diverging Lineage of Brown Algae**
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- A719** **TE Driven Evolution in Red Algae *Porphyridium***
Yongsung Lee^{p1+}, Dongseok Kim¹²⁺, Min Kyun Han³⁺, Pierre Bourguet⁴, Frédéric Berger⁴, Seong Wook Yang^{c3}, Hwan Su Yoon^{c1}
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- A720** **Autosomal Divergence between Host-specific Lineages of the Brood Parasitic *Cuculus canorus***
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- B101** **Ocean Freshening Driven by Warming Threatens the Arctic Hyperiid Amphipod *Themisto libellula***
Hyein Seo^{p12}, Taewon Kim^{c12}
¹Program in Biomedical Science and Engineering, Inha University, Incheon 22212
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- B102** **Effects of Soil Chemical Properties on Putative Functions of Bacteria and Microbial Carbon Source Utilization in Rhizosphere of *Hypochoeris radicata***
Jinu Eo^d, Sang-Min Jun, So-Jin Yeob, Jong-Mun Lee, Byung-Mo Lee
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- B103 Evaluation of Heavy Metal Phytoremediation Potential of *Salix gracilistyla* in Contaminated Soils**
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¹Department of Smart Infrastructure Engineering, Kongju National University, Cheonan 31080
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- B104 The Effects of Microplastics on the Feeding Ability of the Manila Clam *Venerupis philippinarum***
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- B105 Microplastic Ingestion and Accumulation in Marine Organisms**
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- B106 The Physiological Response of Crabs to Acoustic and Vibrational Disturbance**
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- B107 Comparative Analysis of Behavioral Responses to Oncoming Vehicle in the Water Deer and the Raccoon Dog**
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- B108 Directional Asymmetry in the Appendicular Skeleton of the Narrow-Ridged Finless Porpoise (*Neophocaena asiaeorientalis*) from Korea**
Hyunna Lee^{p12}, Mi Yoen Kim¹, Narin Park¹², Yeonhoo Jung¹², Yikweon Jang², Soojin Jang^{c1}
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- B109 내륙컨테이너기지의 개미 군집 구조 및 외래종 감시 연구**
안정섭^p, 장범준, 차민지, 백인성, 조영호^c
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- B110 감만항, 양산물류센터 모니터링 결과에 따른 *Nylanderia bourbonica*의 국내 정착 가능성**
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- B111 Toward Effective Management: Identifying the Impacts and Introduction Pathways of Alert Alien Species in South Korea**
A-Ram Jo^{d12}, Yun Jeong Cho¹, Joung Hun Park¹, Hyungsoon Jeong¹, Dayeong Kim³, Jihee Kim⁴
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- B112 Monitoring of Ant Fauna around Major Ports in South Korea**
Beom Jun Jang^p, Min-Ji Gha, In-seong Baek, Minju Kim, Jeongseop An^c
Invasive Alien Species Team, National Institution of Ecology, Seocheon 33657

- B113** **Phytotoxicity of Microplastics on Aquatic Plants *Salvinia Natans* and *Spirodela polyrrhiza*: Responses Dependent on Concentration and Particle Size**
 Lumi Lee, Eun Ryul Lee^p, Uhram Song^c
 Department of Biology, Jeju National University, Jeju 690-756, Republic of Korea
- B114** **사용자 참여형 위치 수집 태그를 이용한 독수리 위치 추적 가능성 연구**
 허재웅^p, 현용선, 차인환^c
 전라남도야생동물구조관리센터, 순천 58027
- B115** **Relationship between Population Size, Light Availability, and Vernal Pool area of the Endangered Species *Mankyua chejuense* Under the Deciduous–Evergreen Broadleaved Forest in the Republic of Korea**
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²Department of Biological Sciences, Kongju National University, Gongju 32588
- B116** **The Ability of Hawksbill Sea Turtle (*Eretmochelys imbricata*) to Discriminate Plastic Bags from Their Prey Jellyfish**
 Jibin Im^{p12}, Chaeyeon Lee², Seonmyeong Choo², Jeongrak Koh³, Taewon Kim^{c12}
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- B117** **Effects of Ocean Acidification and Freshening on the Physiology, Behavior, and Shell Integrity of the Limpet *Cellana toreuma***
 Hyojin Chang^{p12}, Hyein Seo¹², Youbin Koo¹², Taewon Kim^{c12}
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- B118** **세열유립썩은이(*Erodium cicutarium*)의 표현형 및 유전적 다양성에 따른 서식 및 적응 양상**
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²서울대학교 교육종합연구원, 서울 08826
- B119** **대규모 홍수에 의해 형성된 금강 하중도에서의 식물 군집 천이에 대한 연구**
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- B120** **Impact of *Linepithema humile* Invasion on the Diversity of Native Ants in South Korea**
 In-Seong Baek^p, Soo In Lee, Jeongseop An^c
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- B121** **생태계교란 식물인 단풍잎돼지풀(*Ambrosia trifida*) 군락의 분포와 구조적 특성**
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 국립생태원 조사평가연구본부 생태안전연구실 외래생물팀, 서천 33657
- B122** **기후변화에 따른 꼬리명주나비와 쥐방울덩굴의 출현 시기 동조화 변화 분석**
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²서울대학교 교육종합연구원, 서울 08826
- B123** **Increased Attractiveness but Reduced Host Suitability of *Aristolochia contorta* to Herbivores under Elevated CO₂**
 Si-Hyun Park^{p13+}, Sion Kim¹⁴⁺, Hangah Lim², Sang-Gyu Kim², Jae Geun Kim^{c134}
¹Department of Biology Education, Seoul National University, Seoul 08826
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- B124 Foraging Strategies of Weddell Seals in Response to Iceberg-driven Environmental Change**
 Ji-Yeon Cheon^{p12}, Jikang Park³, Choon-Ki Lee¹, Byeong-Hoon Kim⁴, Seung-Tae Yoon⁵, Hyun A Choi⁵, Ji Sung Na¹, Sukyoung Yun¹, Won Sang Lee¹, Chung Yeon Hwang², Won Young Lee^{c1}
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⁴Department of Earth and Environmental Sciences, Chonnam National University, Gwangju 61186
⁵School of Earth System Sciences, College of Natural Sciences, Kyungpook National University, Daegu 41566
- B125 Restoration Status and Future Directions of the Endangered Dung Beetle, *Gymnopleurus mopsus*, in Korea**
 Jongdae Park^p, Kuem Hee Jang^c
 Insect & Invertebrate Restoration Team, National Institute of Ecology, Yeongyang 36531
- B126 Spatio-Temporal Avoidance and Niche Partitioning Between the Visayan Spotted Deer and Visayan Warty Pig in the Philippines**
 Somim Kim^{p1}, Matthew Ward², Ysabella Montano-Ward², Yikweon Jang^{c1}
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²Talarak Foundation, Sibulan 6201, Negros Island, Philippines
- B127 Finless Porpoise Occurrence and Foraging Behavior of the Finless Porpoise Using Passive Acoustic Monitoring in Yeosu, Republic of Korea**
 Narin Park^{p12}, Soojin Jang¹, Hyunna Lee¹², Yikweon Jang², Mi Yoen Kim^{c1}
¹Marine Animal Research and Conservation, Seogwipo 63519
²Division of EcoScience, Ewha Womans University, Seoul 03760
- B128 참굴(*Crassostrea gigas*)의 실험적 복원에 따른 저서동물 군집 변화**
 안수현^p, 이주형^c
 부산대학교 자연과학대학 해양학과, 부산 46241
- B129 파래(*Ulva spp.*) 이상 증식이 거머리말(*Zostera marina*) 잔사 분해에 미치는 영향**
 김민주^p, 김보경^p, 이주형^c
 부산대학교 해양학과, 부산 46241
- B130 Threat Status and Restoration Efforts for Hawksbill Turtles in the Republic of Korea**
 Il-Kook Park^{p1}, Eunvit Cho²³, Min-Seop Kim¹, Seunghyun Lee¹, Il-Hun Kim^{c1}
¹Marine Biodiversity Division, National Marine Biodiversity Institute of Korea, Seochon 33662
²Aqua Planet Yeosu, Yeosu 59744
³Department of Marine Biology, Kunsan National University, Gunsan 54150
- B131 국내 4대강 수계 주요 하천 습지에서 우점 식생군에 따른 토양 탄소 축적을 정량화**
 황미리^{p1}, 김재하¹, 김재근^{c12}
¹서울대학교 대학원 과학교육과 생물전공, 서울 08826
²서울대학교 교육종합연구원, 서울 08826
- B132 갯기름나물(*Peucedanum japonicum*)의 생육 특성 및 서식지 간 환경요인 비교 분석**
 이현정^{p1}, 김재근^{c12}
¹서울대학교 사범대학 과학교육과 생물전공, 서울 08826
²서울대학교 교육종합연구원, 서울 08826
- B133 산개구리 3종(*Rana uenoi*, *R. coreana*, *R. huanrenensis*)의 서식 현황 및 분포 예측**
 당지희^p, 이종성, 변상돈, 정은희, 도민석, 오현경^c
 환경부 국립생물자원관 기후환경생물연구과, 인천 22689

- B134** 터키도마뱀부치(*Hemidactylus turcicus*)의 발견 보고 및 먹이원 분석
 석민정^{p12}, 박기범³, 박일국⁴, 백혜준^{c5}
¹국립생태원 자연환경조사팀, 서천 33657
²국립공주대학교 생명과학과, 공주 32588
³인바이러스테크, 광주 61089
⁴국립해양생물자원관 해양생물다양성본부, 서천 33662
⁵국립생태원 외래생물팀, 서천 33657
- B135** Individual Variations in Migration Timing and Route and Habitat Uses in Stopover Sites of Bar-Headed Geese
 Hyunji Kim^{p14}, Yoobeen Lee², Hyunjun Cho³, Won Young Lee^{c4}
¹Department of Ocean Sciences, Inha University, Incheon 22212
²Program in Biomedical Science and Engineering, Inha University, Incheon 22212
³National Institute of Wildlife Disease Control Center, Gwangju 62407
⁴Division of Glacier and Earth Sciences, Korea Polar Research Institute, Incheon 21990
- B136** 수체로부터의 거리에 따른 하천변 미소서식지 특성과 식물 형질 특성 분포와의 관계
 이명현^{p1}, 최호², 김재근^{c134}
¹서울대학교 사범대학원 과학교육과 생물전공, 서울 08826
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⁴서울대학교 교육융합연구원, 서울 08826
- B137** 가리왕산 알파인 활강 경기장의 생태적 복원을 위한 식생구조와 환경요인 분석
 서성경^p, 이규송^c
 국립강릉원주대학교 자연과학대학 생물학과, 강릉 25457
- B138** 하천망 기반 MaxEnt 모델을 활용한 독종개(*Cottus koreanus*)의 기후변화에 따른 분포 예측
 이정원^p, 김석현^c
 강원대학교 생명과학과, 춘천 24341
- B139** 조림지와 비조림지 간 나방 군집 구조 비교를 통한 생물다양성 회복 가능성 평가
 박창규^p, 최세웅^c
 국립목포대학교 환경교육과, 무안 58554
- B140** 수변공간 내 비농업지역과 농업지역의 나비 군집 다양성 비교
 조서윤^p, 최세웅^c
 국립목포대학교 환경교육과 환경생태학실험실, 무안 58554
- B141** 야간조명 강도에 따른 박쥐 종별 출현 분석
 이택우^{p12}, 천광일¹, 최철현¹, 성하철^{c2}
¹국립생태원 생태계서비스팀, 서천 33657
²전남대학교 생물과학·생명기술학과, 광주 61186
- B142** 동해안 석호에서 토성에 따른 갈대군락의 군집구조와 탄소저장량 비교
 정여진^p, 김은형, 김혜영, 홍보람, 박진솔, 송진욱, 서성경, 나동길, 박태영, 김하늘, 이규송^c
 국립강릉원주대학교 자연과학대학 생물학과, 강릉 25457
- B143** 기후변화 지표 발굴과 취약성 평가를 위한 희귀식물 개병풍(*Astilboides tabularis*)의 적합 서식지 분포 예측
 나동길^p, 송진욱, 이규송^c
 국립강릉원주대학교 자연과학대학 생물학과, 강릉 25457
- B144** 현존식생 분포에 기반한 해안사구 유형 분류
 송진욱^p, 이규송^c
 국립강릉원주대학교 자연과학대학 생물학과, 강릉 25457

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- B145 Comparison of Metabolite Profiles in Edible Brown Algae from a Seaweed Farm Using GC-MS**
Dongwoo Yang^d, Ji-Yul Kim, Kyung Lee, Seok-Chun Ko, Gun-Woo Oh, Kyung Woo Kim, Du-Min Jo, Hyo-Geun Lee, Grace Choi
Department of Biomaterial Research, National Marine Biodiversity Institute of Korea, Seocheon 33662
- B146 Short-Term Horizontal and Vertical Movement Analysis of MiniPAT-tagged Coastal Fish in the Yellow Sea: Korean Rockfish and Spotted Seabass**
Young Uk Kim^{p1}, Yun Jeong Seo¹, Won Young Lee^{c1}, Sung-Yong Oh^{c2}
¹Division of Glacier and Earth Sciences, Korea Polar Research Institute, Incheon 21990
²Marine Biotechnology & Bioresource Research Department, Korea Institute of Ocean Science & Technology, Busan 49111
- B147 국립공원 유일 고산 람사르습지 질외늪의 생물상 및 식생유형 분류**
이용학^d, 남성열, 최영찬, 김정진, 조성남, 민지홍, 최지애, 김태일, 김효남, 서유진
국립공원공단 오대산국립공원사무소, 평창 25318
- B148 예초 관리가 개망초의 우점도와 천이 과정에 미치는 영향**
고영미^{p1}, 김재근^{c12}
¹서울대학교 대학원 과학교육과 생물전공, 서울 08826
²서울대학교 교육종합연구원, 서울 08826
- B149 기후변화에 따른 황소개구리와 토종 개구리의 분포변화 예측**
변상돈^p, 이종성, 당지희, 정은희, 도민석, 오현경^c
환경부 국립생물자원관 기후환경생물연구과, 인천 22689
- B150 Diversity of Endophytic Fungi Isolated from the Brown Alga *Sargassum thunbergii* in Coastal Regions of Jeju Island, Korea**
Ji-Won Kim^p, Eun-Ju Kim, Yu-Na Choi, Ahn-Heum Eom^c
Department of Biology Education, Korea National University of Education, Cheongju 28173
- B151 Non-invasive Approach Using Biomarkers to Compare Stress Levels in Urban and Rural Raccoon Dogs (*Nyctereutes procyonoides*)**
Ji-eun Kim^{p1}, Chung-nam Wildlife Rescue Center², Sangkyu Park^{c1}
¹Department of Biological Science, Ajou University, Suwon 16499
²Chung-nam Wildlife Rescue Center, Yesan 32439
- B152 Stable Isotope-Based Assessment of Diet and Trophic Position in Freshwater Fish of the South Han River**
Byeongchan Hwang^{p1}, Seonah Jeong¹², Ju-Hyoun Wang³, Min-Seob Kim⁴, Jun-Kil Choi³, Sangkyu Park^{c1}
¹Department of Biological Science, Ajou University, Suwon 16499
²Cell Factory Research Center, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Daejeon 34141
³Department of Biological Science, Sangji University, Wonju 220952
⁴Environmental Measurement & Analysis Center, NIER, Incheon 22689
- B153 Machine Learning Models for Stress Classification in *Quercus* Species Using Metabolomic Profiling**
Jeong-hyeon Ko^p, Youngil Ryu, Sangkyu Park^c
Department of Biological Science, Ajou University, Suwon 16499
- B154 Environmental Effects on Salidroside Production in Erect Willow: Roles of Growth Duration and Humidity**
Youngil Ryu^p, Sangkyu Park^c
Department of Biological Science, Ajou university, Suwon 16499
- B155 동해안 지역에서 100년간의 식생 발달에 따른 굴참나무림과 소나무림의 탄소저장량의 변화**
박태영^p, 김하늘^p, 이학준, 유정수, 이규송^c
국립강릉원주대학교 자연과학대학 생물학과, 강릉 25457

- B156** **Genome Wide Association Study Reveals Urbanization-driven Stress Adaptation in *Arabidopsis thaliana***
 Byungho Kim^{p1}, Bo Eun Nam², Youngsung Joo^{c1}
¹School of Biological Sciences, Seoul National University, Seoul 08826
²Institute of Basic Sciences, Seoul National University, Seoul 08826
- B157** **속리산국립공원 내 꽃사슴의 계절별 활동 패턴**
 임상진¹³, 박세강^{p1}, 반자드 마니람¹, 김혜리¹, 이진홍², 김의경^{c2}, 박영철^{c3}
¹(주)에코이엠 부설 와일드생태연구소, 원주 26465
²국립공원연구원 생태연구부, 원주 26441
³강원대학교 야생동물연구실, 춘천 24341
- B158** **When Less Is More: Male Dwarfism as a Potential Adaptation to Avoid Female Cannibalism in *Trichonephila clavata***
 Chunga Hwang^p, Yikweon Jang^c
 Department of EcoScience, Ewha Womans University, Seoul 03760
- B159** **기후변화에 따른 굴참나무와 신갈나무의 생리적·생태적 지위 폭 변화 분석**
 이승준^p, 유영한^c
 국립공주대학교 자연과학대학 생명과학과, 공주 32588
- B160** **복원 연차에 따른 수목 도입지의 토양미생물 군집 및 생태계 회복 지표 분석**
 장혜정^p, 유영한^c
 국립공주대학교 자연과학대학 생명과학과, 공주 32588
- B161** **기수습지 복원지 내 수종별 탄소흡수 능력에 관한 연구**
 박지원^p, 김의주, 박재훈, 박여빈, 이상필, 이승준, 유영한^c
 국립공주대학교 자연과학대학 생명과학과, 공주 32588
- B162** **기후변화조건에서 영양소 구배에 따른 소나무와 신갈나무의 생태지위 반응에서 기후변화에 따른 소나무와 신갈 나무의 생태지위 반응**
 이상경^p, 유영한^c
 국립공주대학교 자연과학대학 생명과학과, 공주 32588
- B163** **토착종 논우렁이와 외래종 왕우렁이의 염분도 내성 실험**
 서지현^p, 유영한^c
 국립공주대학교 자연과학대학 생명과학과, 공주 32588
- B164** **기수습지 내 주요 식물군락의 순 CO₂ 흡수량에 관한 연구: 갈대(*Phragmites australis*)와 모새달(*Phacelurus latifolius*)의 정량적 비교**
 이상필^p, 유영한^c
 국립공주대학교 자연과학대학 생명과학과, 공주 32588
- B165** **도서지역 외래꽃사슴류(*Cervus nippon spp.*)의 배설물을 이용한 먹이원 분석-굴업도, 난지도, 안마도 중심으로**
 김철영^p, 박지은, 이수인, 조아람, 조윤정, 조영호^c
 국립생태원 조사평가연구본부 생태안전연구실 외래생물팀, 서천 33657
- B166** **도서지역에 서식하는 참진드기 분류 및 병원체 진단-굴업도, 난지도, 안마도, 소록도를 중심으로**
 김철영^p, 박지은, 조아람, 조윤정, 조영호^c
 국립생태원 조사평가연구본부 생태안전연구실 외래생물팀, 서천 33657
- B167** **Understanding *Caenorhabditis elegans* Ecology Using a Simulated Natural Habitat**
 Rocel Amor Indong^{p1}, Jong Min Park¹, Jin-Kyung Hong², Eun Sun Lyou², Taeman Han³, Jong Kwang Hong¹, Tae Kwon Lee², Jin I. Lee^{c1}
¹Division of Biological Science and Technology, Yonsei University, Wonju 26493
²Department of Environmental and Energy Engineering, Yonsei University, Wonju 26493
³Korea National Park Research Institute, Korea National Park Service, Wonju 26466

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- B168 Identifying Biocontrol Agents against Pinewood Nematode *Bursaphelenicus xylophilus***
 Rocel Amor Indong^{p1}, Jong Min Park², Jin I. Lee^{c1}, Taeman Han^{c2}
¹Division of Biological Science and Technology, Yonsei University, Wonju 26493
²Korea National Park Research Institute, Korea National Park Service, Wonju 26466
- B169 Waterbirds Exert Limited Top-down Control of Mud Shrimp Bioturbation in Seagrass Ecosystems**
 Kayoung Kim^p, Juhyung Lee^c
 Department of Oceanography, Pusan National University, Busan 46241
- B170 속리산국립공원 백두대간의 육상 포유류 출현 특성**
 권용호¹, 김낙원², 정상민³, 김태욱^{d3}
¹국립공원공단 중부지역본부, 청주 28365
²국립공원공단 생태복원부, 원주 26466
³국립공원공단 국립공원야생생물보전원, 구례 57616
- B171 Evolutionarily Versatile Receptor Like Protein (RLP) is involved in The Regulation of The Growth-Defense Trade-off in *Arabidopsis thaliana***
 Myungju Go^p, Min-Soo Choi, Hyok Gyun Soon, Jong-Hoon Noh, Gwanhyeong Yu, Youngsung Joo^c
 Department of Biological Sciences, Seoul National University, Seoul 08826
- B172 Assessing Wild Boar *Sus scrofa* Occupancy in an Urban-Proximate Protected Area: Implications for Conflict Mitigation in South Korea**
 Sangjin Lim¹², Maniram Banjade^{p2}, Eui-Kyeong Kim³, Yungchul Park^{c1}
¹College of Forest and Environmental Sciences, Kangwon National University, Chuncheon 24341
²Wildlife Ecology Institute, ECOEM Inc, Wonju 26465
³Division of Ecological survey, Research Institute of Korea National Park, Wonju 26441
- B173 Latitude and Species Traits are Important Drivers of Anuran Peak Vocalization in Natural Ponds**
 Hong-Suk Koh^{d1}, Ji-A Lee², Choong-Ho Ham³
¹National Ecosystem Surveys and Research Team, National Institute of Ecology, Seocheon 33657
²Chungrok Environmental Ecosystem Research Institute, Anyang 14101
³Department of Biological Sciences-Biotechnology, Chonnam National University, Gwangju 61186
- B174 특정도서 분포 외래식물 종 특성 분석**
 최동희¹²
¹국립생태원 조사평가연구본부 생태안전연구실 외래생물팀, 서천 33657
²경희대학교 이과대학 생물학과, 서울 02447
- B175 점봉산 신갈나무 직경 생장 및 수관 녹화 현상의 시계열 동조성 분석**
 이재연^p, 홍민기, 박정수^c
 국립생태원, 서천 33657
- B176 식생 지역과 비식생 지역의 갯벌 토양과 연체동물 패각 내 탄소저장 및 생태계 서비스 추정**
 김준모^p, 유영한^c
 국립공주대학교 자연과학대학 생명과학과, 공주 32588
- B177 Prey Analysis Using DNA from Feces of Aerial Foraging Pacific Swift (*Apus pacificus*) and Barn Swallow (*Hirundo rustica*)**
 Yeo-Bin Park^{p1}, Bo-Yeon Jeon¹, Sung-Bae Joo², Young-Han You^{c1}
¹Department of Biological Science, Kongju National University, Gongju 32588
²National Institute of Ecology(NIE), Seocheon 33657
- B301 국내 포유류 군집의 시·공간적 변화상: 야생동물 실태조사(2006~2025)**
 이건주^p, 홍윤지, 전혜숙, 이승민, 남기흠^c
 국립생물자원관 기후환경생물연구과, 인천 22689

- B302** **국내 하늘다람쥐(*Pteromys volans*)의 초음파 발생과 그 특성**
 김정환^{a1}, 김재호^{a2}, 임상진^{a3}, 이영선^{a2}, 박영철^{a1}
^{a1}강원대학교 산림환경과학대학 산림과학부 야생동물연구소, 춘천 24341
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^{a3}강원대학교 산림환경과학대학 산림과학연구소, 춘천 24341
- B303** **조간대에서 채집한 유어 11종의 실내 사육에 의한 형태 및 생태 특성 비교**
 김태주^a, 김진구^c
 국립부경대학교 수산생명과학부 자원생물학전공, 부산 48513
- B304** **Signatures of Selection and Expansion in Two Mosquito Species with Contrasting Ecologies**
 Ashraf Akintayo Akintola^{a1}, Ui Wook Hwang^{a1,2,3,4,5}
^{a1}Department of Biology, Teachers College and Institute for Phylogenomics and Evolution, Kyungpook National University, Daegu 41566
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^{a4}Institute for Korean Herb-Bio Convergence Promotion, Kyungpook National University, Daegu 41566
^{a5}Phylomics Inc., Daegu 41910
- B305** **Biology of the Invasive Gall Midge *Asynapta groverae* (Diptera: Cecidomyiidae) in South Korea**
 Seongbin Mok^{a1}, Junyoung Lee^{a1}, Changseob Lim^{a2}, Ji Hyoun Kang^{a3}, Jeong Mi Hwang^{a3}, Daseul Ham^{a4}, Minseo Cho^{a1}, Seung Hun Shin^{a5}, Jae-Jin Kim^{a1}, Yeon Jae Bae^{a1}
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^{a2}Ojeong Resilience Institute, Korea University, Seoul 02841
^{a3}Korean Entomological Institute, Korea University, Seoul 02841
^{a4}National Institute of Biological Resources, Incheon 22689
^{a5}Korea Wood Panel Association, Seoul 07236
- B306** **국립공원 내 서식하는 산양의 분포 특성 연구**
 김혜리^{a1}, 임상진^{a2}, 장서희^{a2}, 손장익^{a1}, 김태욱^{a1}, 이사현^{a1}, 양두하^{a1}, 한상현^{a1}
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^{a2}강원대학교 산림환경과학대학 산림과학부, 춘천 24341
- B401** **Climate Change and Its Effects on the Distribution and Traditional Uses of *Arisaema costatum* in Nepal**
 Manisha Awasthi^a, Ki Wha Chung^c
 Department of Biological Sciences, Kongju National University, Gongju 32588
- B501** **Polypropylene Microplastics Disrupt Epithelial Barrier Integrity and Viability in Human Upper Airway Epithelial Cells**
 Ji Hyun An^a, Yong Min Kim^c
 Department of Medical Science, Chungnam National University College of Medicine, Daejeon 35015
- B502** **Transcriptomic Analysis of Food Preference-Driven Gene Expression Changes in *Allonychiurus kimi* (Collembola)**
 Han Soo Kim^a, Jeongwon Choi, Lee-Hyeon Jeon, Hyun-Gi Min, Yun-Sik Lee^c
 Department of Biology Education, Pusan National University, Pusan 46241
- B503** **Food Preferences for Soil Cyanobacteria in *Allonychiurus kimi* (Collembola: Onychiuridae) Maintained on Long-term Yeast Monodiet**
 Jeongwon Choi^{a1}, Jimin Shin^{a1}, Nakyeong Lee^{a2}, Hyun-Gi Min^{a3}, Yun-Sik Lee^{a1,3}
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^{a3}Institute of Future Earth, Pusan National University, Pusan 46241

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- B504** Development of a Species-Specific RPA-CRISPR-Cas12a Assay for the eDNA-Based Detection of the Invasive Barnacle *Perforatus perforatus*
Jun Seong Jeong^p, Jaemin Shin, Kyung Jun Lee^c
Division of Genetic Resources, Honam National Institute of Biological Resources, Mokpo 58762
- B505** Case Studies on the Breeding of Storks Paired Artificially in a Cage from 2023 to 2025
Sungchae Moon^d, Seok Il Kang, Geon Hee Kim, Kyung Taek Lee
Eco-Institute for Oriental Stork, Korea National University of Education, Cheongju 28173
- B506** Global Warming Affects Hydrozoan Community Structure and Diversity in Korean Waters
Chanhee Kim^{p1}, Kyoungyeon Kim², Seokhyun Youn², Nayeon Park^{c3}, Wonchoel Lee^{c1}
¹Department of Environmental Science, Hanyang University, Seoul 04763
²Oceanic Climate and Ecology Research Division, National Institute of Fisheries Science, Busan 48513
³Institute of Low Temperature Science, Hokkaido University, Sapporo 060-0819, Japan
- B507** Diversity and Phylogenetic Analysis of Lernaepodidae (Copepoda: Siphonostomatoida) from Marine Fishes in Korea
Eunseok Park^p, Wonchoel Lee^c
Department of Environmental Science, Hanyang University, Seoul 04763
- B508** A Study on the Composition and Density of Benthic Invertebrates from a *Phyllospadix* sp. and *Sargassum* sp. Inhabited Community at Gijang, Korea
Dana Wynona Tigarea^{p1}, Jaehyun Kim³, Somin Lee², Wonchoel Lee^{c12}
¹Department of Environmental Sciences, Hanyang University, Seoul 04763
²Department of Life Science, Hanyang University, Seoul 04763
³Advanced Infrastructure Operations Center, Korea Institute of Ocean Science & Technology, Busan 49111
- B509** 공간 포획 재포획 모델을 활용한 산양 밀도 및 겨울철 생존률 추정
김광연^{p1}, 우동걸^{c2}, 홍성원^{c1}
¹경북대학교 생태환경대학 축산BT학과, 상주 37229
²국립생태원 멸종위기종복원센터, 영양 36531
- B510** Import Status of Ornamental Mollusca in South Korea
Youngjun, Park^{p1}, Doyoung Chae¹, Mingyo Jeong¹, Youngho, Cho¹, Soon Jik Kwon^{c2}
¹Invasive Alien Species Team, National Institute of Ecology, Seocheon 33657
²Corporation Aeil/Research Director, Bucheon 14676
- B511** High-Sensitivity Detection of Harmful *Dinophysis* spp. via Synthetic Oligonucleotide qPCR Targeting LSU rDNA
Su-min Kang^{p1}, Xu Wang², Ha Eun Kim¹, Bum Soo Park³, Tae Gyu Park⁴, Suk Hyun Youn⁴, Jin Ho Kim^{c12}
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³Department of Life Science, College of Natural Sciences, Hanyang University, Seoul 04763
⁴Ocean Climate and Ecology Research Division, National Institute of Fisheries Science (NIFS), Busan 46083
- B512** Comparisons of Fish Community Structure and Diversity in Two Korean National Parks (Seoraksan and Deogyusan National Parks) between Conventional Survey and eDNA Metabarcoding
Hee-kyu Choi^{p1†}, Heesoo Kim^{2†}, Soon Young Hwang¹, Young Rae Kim¹, Ju Hyoun Wang³, Min Seop Ko³, Jeong Eun Kim⁴, Hyuk Je Lee^{c1}
¹Molecular Ecology and Evolution Laboratory, Department of Biological Science, Sangji University, Wonju 26339
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³Aquatic Ecosystem Research Laboratory, Department of Biological Science, Sangji University, Wonju 26339
⁴National Park Research Institute, Korea National Park Service, Wonju 26441
[†] These authors contributed equally to this work.

- B513** **덕유산국립공원 구천동 계곡에 서식하는 덕유모치(*Rhynchocypris deogyuensis*)의 개체군 구조, 밀도 및 생태적 특성 분석**
 황순영^{p1}, 최희규¹, 전호수², 장지은², 김정은², 허화영³, 이혁제^{c1}
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³국립공원공단 덕유산국립공원사무소, 무주 55557
- B514** **Application of Environmental DNA as Promising Tool for Soil Toxicity Test with Collembola**
 Taewoo Kim^{p1}, Yun-Sik Lee², Jinsol Hong³, Dohwan Yoon¹, Kijong Cho^{c1}
¹Department of Environmental Science & Ecological Engineering, Korea University, Seoul 02841
²Department of Biology Education, College of Education, Pusan National University, Busan 46241
³O-Jeong Eco-Resilience Institute, Korea University, Seoul 02841
- B515** **Multigenerational Effects of Soil Arsenate Exposure through Pepper Plants on *Myzus persicae***
 Jaejun Song^{p1}, Yongeun Kim¹, Minyoung Lee², Yun-Sik Lee³, June Wee⁴, Jinsol Hong¹, Kijong Cho^{c5}
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³Department of Biology Education, Pusan National University, Busan 46241
⁴Department of Applied Biology, Chungnam National University, Daejeon 34134
⁵Department of Environmental Science and Ecological Engineering, Korea University, Seoul 02841
- B516** **Optimized Cryopreservation of *Desmodemus armatus* Using Various Cryopreservation Method**
 Seong Ryeol Choi^p, Ji Young Moon, Seung Won Nam^c
 Nakdonggang National Institute of Biological Resources, Sangju 37242
- B517** **Threshold-Based Analysis of Eutrophication Dynamics in a Semi-Enclosed Bay: The Dominant Role of Dissolved Inorganic Nitrogen in Masan Bay, South Korea (2010–2015)**
 Yejin Kim^{p1}, Dongseon Kim², Young-Ok Kim³, Moonho Son⁴, Bora Lee¹, Seung Ho Baek^{c15}
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²Marine Environment Research Department, Korea Institute of Ocean Science & Technology, Busan 49111
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⁴Southeast Sea Fisheries Research Institute, National Institute of Fisheries Science, Tongyeong 53085
⁵Department of Ocean Science, University of Science and Technology, Daejeon 34113
- B518** **Saxitoxins (STXs) Synthesis Potential of Dinoflagellate *Alexandrium* Revealed through STXs Synthesis Genes (*sxt*) Analysis**
 Han-Sol Kim^{p12}, Quynh Thi Nhu Bui¹², Taehee Kim², Jin-Joo Hong², Jang-Seu Ki^{c12}
¹Institute of Natural Sciences, Sangmyung University, Seoul 03016
²Department of Life Science, Sangmyung University, Seoul 03016
- B519** **수질평가를 위한 부유성 eDNA 데이터의 탐색적 활용 및 부착돌말영양지수와의 상관성연구**
 김태희^{p1}, 김한솔¹², 기장서^{c1}
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²상명대학교 자연과학연구소, 서울 03016
- B520** **Temporal and Spatial Distribution Patterns of Phytoplankton from the Upper to Lower Reaches of the Han River**
 Taehee Kim^{p1}, Han-Sol Kim¹², Jang-Seu Ki^{c1}
¹Department of Life Science, Sangmyung University, Seoul 03016
²Institute of Natural Sciences, Sangmyung University, Seoul 03016
- B521** **해양의 질산염 가용성이 독성 와편모조류 *Alexandrium*의 마비성 패류독소 합성에 미치는 영향**
 김한솔^{p12}, 부이티뉴꾸인¹², 이수화², 기장서^{c12}
¹상명대학교 자연과학연구소, 서울 03016
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- B522** 질산염 변화가 해양 외편모조류 *Prorocentrum minimum*의 성장 및 질소 대사 유전자 발현에 미치는 영향
김한솔^{p12}, 부하리라완무함마드¹², 강희진², 기장서^{c12}
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²상명대학교 생명과학과, 서울 03016
- B523** Applying Deep Learning Models for Automated Management of *Asterias amurensis*
Jae-In Shin^{p1+}, Jung-Il Kim²⁺, Jong-Won Baek¹, Min-Ho Mun¹, Seung-Min Han¹, Sung-Wook Kim¹, Chang-Bae Kim^{c1}
¹Department of Biotechnology Major, Sangmyung University, Seoul 03016
²Ocean Climate Response and Ecosystem Research Department, Korea Institute of Ocean and Technology, Busan 49111
⁺ These authors contributed equally to this work.
- B524** Integrative Correlation Analysis of Fish and Physicochemical Indicators in Freshwater Ecosystems Using Diffusion Model-Based Data Enhancement
Min-Ho Mun^{p1}, Hyung-Eun An¹², Jung-Il Kim³, Tae-June Choi¹, Jong-Won Baek¹, Seung-Min Han¹, Sung-Wook Kim¹, Jae-In Shin¹, Chang-Bae Kim^{c1}
¹Biotechnology Major, Sangmyung University, Seoul 03016
²Institute of Intelligence Informatics Technology, Sangmyung University, Seoul 03016
³Ocean Climate Response and Ecosystem Research Department, Korea Institute of Ocean and Technology, Busan 49111
- B525** A CNN-Based Analysis for Understanding Fish–Environment Relationships in Freshwater Ecosystems
Hyung-Eun An^{p12}, Min-Ho Mun¹, Jung-Il Kim³, Tae-June Choi¹, Jong-Won Baek¹, Seung-Min Han¹, Sung-Wook Kim¹, Jae-In Shin¹, Chang-Bae Kim^{c1}
¹Biotechnology Major, Sangmyung University, Seoul 03016
²Institute of Intelligence Informatics Technology, Sangmyung University, Seoul 03016
³Ocean Climate Response and Ecosystem Research Department, Korea Institute of Ocean and Technology, Busan 49111
- B526** New Morphological Traits as an Identification Key for the Critically Endangered Frog (Anura: Hylidae: *Dryophytes*) in South Korea
Eun Jin Park^{p1}, Kyo Soung Koo², Hakyung Kang¹, Yikweon Jang^{c1}
¹Division of EcoScience, Ewha Womans University, Seoul 03760
²Korean Environmental Geography Institute, Sejong 30141
- B527** Comparison of Mating Call Characteristics of Ueno's Brown Frog (*Rana ueno*) Across Breeding Periods and Regions
Doyeon Son^p, Yikweon Jang^c
Division of EcoScience, Ewha Womans University, Seoul 03760
- B528** New National Record of *Scymnus folchinii* Canepari (Coleoptera: Coccinellidae) from Dokdo Island, Korea
Junyoung Lee^{p1}, Seongbin Mok¹, Jun Shik Bae¹, Sung Hwan Park¹, Wooseong Kim¹, Taekjun Lee², Changseob Lim^{c3}
¹Department of Environmental Science & Ecological Engineering, Korea University, Seoul 02841
²Department of Animal Resources Science, Sahmyook University, Seoul 01795
³Korean Entomological Institute, Korea University, Seoul 02841
- B529** Comparative Ecological Role and Genetic Differentiation of Two Mosquito-predating Mosquitoes, *Toxorhynchites christophi* and *Lutzia vorax* (Diptera: Culicidae), in Korean forests
Junyoung Lee^{p1}, Ji Hyoun Kang², Changseob Lim²³, Yeon Jae Bae^{c13}
¹Department of Environmental Science & Ecological Engineering, Korea University, Seoul 02841
²Korean Entomological Institute, Korea University, Seoul 02841
³Ojeong Resilience Institute, Korea University, Seoul 02841
- B530** Ecophysiological Characteristics, Regional Variability, and Toxicity Assessment of *Coolia* Species Isolated from Jeju Island and the Eastern Coast of Korea
Seung Joo Moon^p, Jaeyeon Park, Jun-Ho Hyung, Hangy Lee^c
Advanced Institute of Convergence Technology, Suwon 16229

- B531** *Thalassotalea aquiviva* sp. nov., and *Thalassotalea maritima* sp. nov., Isolated from Seawater of the Coast in South Korea
 Jina Lee^d, Seunghui Song, Nakyeong Lee, Sangdon Ryu, Hye Seon Song, Sung Moon Lee, Yun Ji Kim, Se won Chun, Aslan Hwanhwi Lee
 Division of Environmental Materials, Honam National Institute of Biological Resources (HNIBR), Mokpo 58762
- B532** Growth Effect of 5 Oil Degrading Bacteria on Toxic Dinoflagellate *Prorocentrum lima* under Nitrogen Deficiency
 Na Eun Yun^{p1}, Xu Wang², Ha Eun Kim³, Bum Soo Park^{c1}, Jin Ho Kim^{c23}
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²Faculty of Earth and Marine Convergence, Earth and Marine Science Major, Jeju National University, Jeju 63243
³Department of Earth and Marine Sciences, College of Ocean Sciences, Jeju National University, Jeju 63243
- B533** micro-CT를 이용한 한라큰두꺼비딱정벌레의 형태학적 구조
 김지수^p, 박소영, 이승현, 장승우, 손한별, 서경인^c
 국립낙동강생물자원관 생물표본보전부, 상주 37242
- B534** Rapid Molecular Authentication of Cultured *Takifugu rubripes* Using Structural Genomic Variations
 Soo Min Lee, Tae Sun Kang^d
 Department of Food Science and Technology, Seoul Women's University, Seoul 01797
- B535** Micro-Computed Tomography를 활용한 종자 대량 분석 기술 개발
 전우찬^{p12}, 이용호²³, 구인경¹², 유남곤¹², 공시은¹², 임정은¹², 우지연¹², 홍선희^{c12}
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³고려대학교 오정리질리언스연구소, 서울 02841
- B536** 국제 식물 보호 협약(International Plant Protection Convention)에 공표된 규제병해충 목록 중 규제잡초 목록 조사 및 분석
 구인경^{p12}, 김승재³, 이용호⁴, 전우찬¹², 홍선희^{c12}
¹한경국립대학교 식물자원조경학부, 안성 17579
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⁴고려대학교 오정리질리언스연구소, 서울 02841
- B601** 백두대간 중점보전종 분홍바늘꽃의 생태적 특성 및 보전 전략
 박정석^p, 박병주, 이병권, 이상용^c
 한국수목원정원관리원 국립백두대간수목원, 봉화 36209
- B602** Floristic Study of Gaeyado in Korea
 Min-Ju Park^p, Jae-Kyeong Lee, Gi-Gyeong Park, Bo-Mi Nam, Seahee Han^c
 Division of Botany, Honam National Institute of Biological Resources, Mokpo 58762
- B603** Floristic survey of 100 inhabited islands in Korea (2021–2025)
 Bo-Mi Nam^d, Yongsung Kim, Jong-Soo Park, Seung Jin Park, Seahee Han, Narae Yun, Min-Ju Park, Jaekyeong Lee, Gi-Gyeong Park
 Division of Botany, Honam National Institute of Biological Resources, Mokpo 58762
- B604** 국내 자생하는 모든 생물종의 이름, 국가생물종목록 현황: 관속식물 중심으로
 문애라^p, 심선희, 류세아, 김진희, 김민하^c
 국립생물자원관 생물종다양성연구과, 인천 22689

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- B605** **Is there *Suaeda heteroptera* in Korea? A Molecular Phylogenetic Analysis Suggests the Hybrid Origin of Korean *S. heteroptera* between *S. maritima* and *S. heteroptera***
Do-Hyeon Kwag^{p1}, Eun Jung Lee², Junhyun Hur³, Dong Wook Han^{c4}, Sang-Tae Kim^{c3}
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³Department of Life Sciences, The Graduate School, The Catholic University of Korea, Bucheon 14662
⁴PGA Eco Research Center, Goyang 10449
- B606** **멸종위기담수식물 물고사리의 자생지 및 유전다양성 특성 규명**
홍정기^{d1}, 최경수², 황용³, 이성현¹, 이미화¹
¹국립낙동강생물자원관 다양성예측평가부, 상주 37242
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³국립낙동강생물자원관 소재활용지원부, 상주 37242
- B701** **Comparative Behavior and Morphology for Locomotion on Water in Ripple Bugs and Water Striders**
Sang Yun Bang^{p1}, WoojooKim¹²³, Jeongseop Lee¹, JinseokPark¹³, Versha Khare⁴, Sang-im Lee^{c5}, Piotr Grzegorz Jablonski^{c16}, Seungwan Shin^{c7}
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⁵Laboratory of Integrative Animal Ecology, Department of New Biology, DGIST, Daegu 42988
⁶Museum and Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland
⁷Laboratory of Evolution and Phylogenomics, School of Biological Sciences, Seoul National University, Seoul 08826
- B702** **Life History Theory of the Behavioural Immune System: A Theoretical Perspective**
Myung Jin Kim^{p13}, Hanson Park^{c23}
¹Department of Economics, Seoul National University, Seoul 08826
²Department of Anthropology, Seoul National University, Seoul 08826
³Laboratory of Evolutionary Anthropology, Seoul National University, Seoul 08826

D. 미세구조 및 형태학

- D101** **Vomer Bone Comparison among Three *Onychodactylus* Species in the Republic of Korea Using Micro CT**
Jaebeom Jeong^{p1}, Hahyun Nam¹, Jiho Park², Jaejin Park², Min-Woo Park¹, Narae Joo¹, Jongsun Kim², Daesik Park^{c12}
¹Interdisciplinary Program in Earth Environmental System Science & Engineering, Kangwon National University, Chuncheon 24341
²Department of Science Education, Kangwon National University, Chuncheon 24341
- D102** **Morphological and Mechanical Comparison of Limpet Shells for Biomimetic Design**
Ji Yeong Kim¹²
¹Ecological Technology Research Team, National Institute of Ecology, Seocheon 33657
²Department of Biological Sciences and Biotechnology, Chonnam National University, Gwangju 61186
- D103** **Analysis of Shell Fracture Patterns in Limpets According to Habitat Conditions and Their Application to Biomimicry**
Ye Won Jin^{p1}, Ji Yeong Kim^{c12}
¹Ecological Technology Research Team, National Institute of Ecology, Seocheon 33657
²Department of Biological Sciences and Biotechnology, Chonnam National University, Gwangju 61186

- D104** **청개구리 발바닥의 점액 분비 형태 실시간 분석**
 설재욱¹, 임현우², 김준현³, 김응삼^{c124}
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⁴전남대학교 지속가능생태환경 연구소, 광주 61186
- D105** **백합나무 시과의 2축 회전 운동 메커니즘 분석 및 생물모방 설계 가능성 탐색**
 임현우¹, 김문수², 김응삼^{c123}
¹전남대학교 생물학과, 광주 61186
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- D301** **The First Record of *Dolichopeza (Nesopeza) albitibia* (Alexander, 1922) (Insecta: Diptera: Tipulidae) from South Korea with Both Adult and Larval Descriptions**
 Jinsoo Kim^{p12}, Jisoo Kim³, Seungwan Shin^{c12}
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²Comparative Medicine Disease Research Center, Seoul National University, Seoul 08826
³Biological Specimen Conservation Division, Nakdonggang National Institute of Biological Resources, Sangju 37242
- D303** **Optimization of Chloral Hydrate Free Sample Preparation Methods for Eriophyoid Mites**
 Jae Wook Jung^{p1}, Ui Wook Hwang^{c12345}
¹Department of Advanced Bioconvergence, Kyungpook National University, Daegu 41566
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⁴Institute for Korean Herb-Bio Convergence Promotion, Kyungpook National University, Daegu 41566
⁵Phylomics Inc., Daegu 41910
- D401** **Microstructural Factors Affecting the Mechanical Properties of Crab Exoskeleton**
 Junyoung Hong^{p12}, Boongho Cho¹²³, Dain Kim¹², Sook-Jin Jang⁴⁵, Minho Kang², Sungkook Yoon², Tae Won Kim^{c12}
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⁴Ocean Georesources Research Department, Korea Institute of Ocean Science and Technology, Busan 49111
⁵BK21 Center for Precision Medicine & Smart Engineering, Inha University, Incheon 22212
- D501** **An Integrative Analysis of *Plectocapillus antarcticus* Lee, Kaminski & Frontalini, 2025 from Antarctica: Morphology, Chemical Composition, and Phylogeny**
 Somn Lee^{p1}, Michael A. Kaminski², Fabrizio Frontalini³, Jisu Yeom⁴, Nayeon Park⁵, Wonchoel Lee^{c1}
¹Department of Life Science, College of Natural Sciences, Hanyang University, 04763 Seoul
²Geosciences Department, King Fahd University of Petroleum & Minerals, PO Box 5070, Dhahran 31261, Saudi Arabia
³Department of Pure and Applied Sciences, Urbino University, 61029 Urbino, Italy
⁴Research Institute for Natural Sciences, Hanyang University, Seoul 04763
⁵Institute of Low Temperature Science, Hokkaido University, Sapporo 060-0819, Japan
- D601** **Staminate Flowers as Pollen Donors: A Study of Andromonoecy in *Veratrum oxysepalum* (Melanthiaceae)**
 Hyeonjin Kim^p, Bokyung Choi, Tae-Soo Jang^c
 Department of Biological Science, College of Bioscience and Biotechnology, Chungnam National University, Daejeon 34134
- D602** **Atypical Sexual Systems in Korean Natural Populations of *Ajuga* (Lamiaceae)**
 Hoe-Su Jeong^p, Eun-Seo Heo, Bokyung Choi^c, Tae-Soo Jang^c
 Department of Biological Science, College of Bioscience and Biotechnology, Chungnam National University, Daejeon 34134

일반 학술발표(포스터) 목록

D701 Geometry of the Internal Structure of Feather Barbs Depends on the Color

Hyunwoo Song^{p1}, Seonyong Lee²³, Sangim Lee^{c2}¹Daegu Gyeongbuk Institute of Science and Technology, Department of Convergence Engineering, Daegu 42988²Daegu Gyeongbuk Institute of Science and Technology, Department of New Biology, Daegu 42988³National Institute of Biological Resources, Incheon 22698

E. 발생생물학

E401 LDB1 Orchestrates Developmental Hemoglobin Switching by Activating *Bcl11a* TranscriptionJi-In Kim, Si-Won Park, Chang-Yong Choi, In-Byung Park, Seok-Jin Kang, Hyeon Jeong Lee, Taehoon Chun^d

Department of Integrative Biotechnology, College of Life Sciences and Biotechnology, Korea University, Seoul 02841

E701 Single-cell Analysis of Neurodevelopmental Remodeling in *Drosophila sechellia*Geon Park^{p1}, Jérôme Mermet², Richard Benton², Daehan Lee^{c1}¹Department of Biological Sciences, Sungkyunkwan University, Suwon 16419²Center for Integrative Genomics, Faculty of Biology and Medicine, University of Lausanne, 1015 Lausanne, Switzerland

F. 생리학, 생화학 및 생물물리학

F101 기후변화에 따른 구상나무와 잣나무의 지상부- 지하부 성장 변화와 세균 수명 변화

박윤희^{p1}, 허우진², 백지원³, 김서현³, 박상희³, 윤아름¹, 김주현³, 유혜영³, 박성민³, 김근호³, 홍정현³, 김현석^{c134}¹서울대학교 협동과정 농림기상학 전공, 서울 08826²School of Integrative Plant Science, Cornell University, Newyork 14850³서울대학교 농림생물자원학부 산림환경학 전공, 서울 08826⁴서울대학교 농업생명과학연구원, 서울 08826

F102 건물 녹화를 위한 표토의 물리적 조건에 따른 은이끼 성장 평가

김문수^{p1}, 김응삼^{c123}¹전남대학교 생물과학생명기술학과, 광주 61186²전남대학교 생물학과, 광주 61186³전남대학교 지속가능생태환경 연구소, 광주 61186F301 Hair Cortisol as an Indicator of Chronic Stress in Eurasian Otters (*Lutra lutra*): Evaluating Influencing VariationsJee Hyun Kim^{p12}, Hyejin Kang³⁴, Bong Kyun Kim⁵⁶, Mi-Sook Min¹², Seung Aee Ma^{c7}, Je-Yoel Cho^{c89}¹Research Institute for Veterinary Science, College of Veterinary Medicine, Seoul National University, Seoul 08826²Conservation Genome Resource Bank for Korean Wildlife, Seoul 08826³College of Ecology and Environmental Science, Kyungpook National University, Sangju 37224⁴Gong Zone, Korean Wildlife Welfare & Conservation Research Institute, Anyang 14035⁵Chungnam Wild Animal Rescue Center, Yesan 32439⁶Department of Forest Science, Kongju National University, Yesan 32439⁷Department of Animal Health & Welfare, Cheongju University, Cheongju 28503⁸Department of Biochemistry, College of Veterinary Medicine, Research Institute for Veterinary Science, and BK21 FOUR Future Veterinary Medicine Leading Education and Research Center, Seoul National University, Seoul 08826⁹Comparative Medicine Disease Research Center (CDRC), Seoul National University, Seoul 08826

- F401 SLITRK5 Promotes Malignant Progression in Triple-Negative Breast Cancer by Regulating Cell Proliferation and Migration**
Min-hyeok Lee^{p1}, Hogeun Lim¹, Incheol Shin^{c12}
¹Department of Life Science, Hanyang University, Seoul 04763
²Natural Science Institute, Hanyang University, Seoul 04763
- F402 Etiological Function of Secreted SH3YL1 in IgA Nephropathy**
Min Hye Choi^{p1}, Hye Eun Lee, Yun Soo Bae^c
Department of Life Science, Ewha Womans University, Seoul 03760
- F403 SH3YL1 Antibody Ameliorates Podocyte Injury in Focal Segmental Glomerulosclerosis**
Su Hee Lee^p, Hye Eun Lee, Yun Soo Bae^c
Department of Life Sciences, Ewha Womans University, Seoul 03760
- F404 NOX Knockout Prevents Amyloid-β-Induced Neurodegeneration: Role of Various NADPH Oxidases in Alzheimer's Pathology**
Sujin yun^p, Jihyeon Lee, Yun Soo Bae^c
Department of Life Science, Ewha Womans University, Seoul 03760
- F405 테스토스테론은 A549 폐상피암 세포에서 AQP3 발현 및 액틴 재배열을 통해 상처 치유와 스트레스 저항성을 향상시킨다**
차성응^{p1}, 이미남², 임현우², 김응삼^{c123}
¹전남대학교 생물과학·생명기술학과, 광주 61186
²전남대학교 생물학과, 광주 61186
³전남대학교 지속가능생태환경 연구소, 광주 61186
- F406 New Targets of Insecticide Flonicamid in *Drosophila***
Muhammad Atif, Youngseok Lee^d
Department of Bio & Fermentation Convergence Technology, Kookmin University Seoul 02707
- F501 Effects of the Addition of the Bacterium *Alteromonas macleodii* on the Growth and Toxin Content of *Centrodinium punctatum* and *Alexandrium catenella* (Group I)**
Kyong Ha Han^{p1}, Zhun Li², Bum Soo Park¹, Hyeon Ho Shin^{c3}
¹Department of Environmental Sciences, Hanyang University, Seoul 04763
²Biological Resource Center/Korean Collection for Type Cultures (KCTC), Korea Research Institute of Bioscience and Biotechnology, Jeongeup 56212
³Division of Fisheries Life Science, Pukyong National University, Busan 48574
- F502 Optimization of Cryopreservation Conditions for Two *Tetrademus* Species: *T. dimorphus* and *T. lagerheimii***
Ji Young Moon^p, Seung Won Nam^c
Freshwater Bioresources Culture Collection (FBCC), Nakdonggang National Institute of Biological Resources, Sangju 37182

G. 유전학 및 생물정보학

- G101 Habitat Characteristics and the Genetic and Clonal Structure of *Myriophyllum spicatum* Populations**
Eun-Hye Kim^{p1}, Kang-Rae Kim², Mi-Hwa Lee¹, Jaeduk Goh¹, Jeong-Nam Yu^{c1}
¹Nakdonggang National Institute of Biological Resources, Sangju 37242
²Southeast Sea Fisheries Research Institute, National Institute of Fisheries Science, Namhae 52440

일반 학술발표(포스터) 목록

- G401** Spatiotemporal Expression of Theromyzin Homologs in *Helobdella austinensis* Reveals Physiological Function during Embryogenesis
Yoo-Min Ha^p, Hee-Jin Kwak^c
Department of Biology Education, College of Education, Kongju National University, Gongju 32588
- G402** Transport of Golgi-localized β -catenin p-S47 by KIF11 or KIFC3 Induces Primary Ciliogenesis
Na Yeong Lee¹, Kyung Ho Lee^{d12}
¹Chemical Biology Research Center, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Cheongju 28116
²Department of Bio-Molecular Science, University of Science and Technology (UST), Daejeon 34113
- G403** Neuronal Amyloid- β Expression in a *Drosophila* Model of Alzheimer Disease is associated with Muscle Atrophy
Yujin Noh^p, Byoungyun Choi, Hyungi Lee, Kyoung Sang Cho^c
Department of Biological Sciences, Konkuk University, Seoul 05029
- G404** Downregulation of Nuclear Receptor-binding SET Domain Protein in Neuroblastoma Cell Lines, SK-N-SH and SH-SY5Y
Byeonghyeon Song^p, Byungjun Kang, Hyunseo Wang, Im-Soon Lee^c
Department of Biological Sciences, Konkuk University, Seoul 05029
- G405** Neuronal Fatty Acid-binding Protein Enhances Autophagy and Suppresses Amyloid- β pathology in a *Drosophila* Model of Alzheimer's Disease
Yu Min Seong^p, Seokhui Jang, Byoungyun Choi, Kyoung Sang Cho^c
Department of Biological Sciences, Konkuk University, Seoul 05029
- G406** Study to Reveal Genetic Links Between Depressive Disorder and Height
Gayun Nam^p, Seong-ah Kwon, Yoon Shin Cho^c
Department of Biomedical Science, Hallym University, Chuncheon 24252
- G407** Genome-wide Association Study Identifies Genetic Variants associated with Apolipoprotein A1 and B in the Korean pPopulation
Woo Young Lim^p, Yoon Shin Cho^c
Department of Biomedical Science, Hallym University, Chuncheon 24252
- G408** Extract of *Polygala tenuifolia*, *Angelica tenuissima*, and *Dimocarpus longan* Improve Skin wound Healing in Streptozotocin- induced Diabetic Mouse
Hyo-Jin Chong¹, Hayan Jeong¹, Jungtae Na¹, Yeon Jae Jang¹, Yejin Jo¹, Jangho So¹, Soo Young Moon², In Ho Jung², Ok Nam Park², Bong-Gun Ju^{d1}
¹Department of Life Science, Sogang University, Seoul 04107
²R&D center, Medi Help Line Co., Seoul 04537
- G409** 3C3 Alleviates Atopic Dermatitis-like Phenotypes through Cyclophilin A and B-mediated Inhibition of Calcineurin-NFAT Pathway
Yejin Jo^{p1}, Hayan Jeong¹, Su-Jin Lee¹, Jangho So¹, Seung-Heon Yoo¹, Jee Yoon Shin⁴, Yul Lee³, Dong-Sik Shin³, Seok-In Kim², Yoon-Sik Lee², Bong-Gun Ju^{c1}
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²BeadTech Inc., Ansan 15610
³Department of Chemical and Biological Engineering, Sookmyung Women's University, Seoul 04310
⁴Genome Data Integration Centre, Syntekabio Inc., Daejeon 34025
- G410** Genetic Association of HBP2 Polymorphisms with Idiopathic Recurrent Pregnancy Loss
Hyeon Woo Park^{p12}, Jeong Yong Lee¹², Jae Hyen Lee¹², Da Hwan Kim¹², Nam Keun Kim^{c12}
¹Division of Life Sciences, College of Life Sciences, CHA University, Seongnam 13488
²Department of Life Science, Graduate School, CHA University, Seongnam 13488

- G411 ITGA2B (rs5911), ITGB3 (rs4634), ITGA11 (rs2271725) and ITGB5 (rs2291088) Variants as Potential Markers for Primary Ovarian Insufficiency in Korean Women**
Da Hwan Kim^p, Hyeon Woo Park, Nam Keun Kim^c
Department of Biomedical Science, College of Life Science, CHA University, Seongnam 13488
- G412 Protective Role of Lamin B1 in Podocytes Against Diabetic Nephropathy**
Reni Marsela^p, Miri Kim, Heeju Hwang, Iqra Batool, Junseok An, Youngjo Kim^c
Department of Integrated Biomedical Science/Soonchunhyang Institute of Medi-Bio Science, Soonchunhyang University, Cheonan 31151
- G413 FOXO–Autophagy Axis Controls Age-Associated Decline of Lamin B1 and Podocyte Integrity**
Miri Kim^p, Youngjo Kim^c
Department of Integrated Biomedical Science/Soonchunhyang Institute of Medi-Bio Science, Soonchunhyang University, Cheonan 31151
- G414 Uncovering the Machinery That Targets Nuclear Lamin B1 for Selective Autophagy in Aging Cells**
Junseok An^p, Miri Kim, Youngjo Kim^c
Department of Integrated Biomedical Science/Soonchunhyang Institute of Medi-Bio Science, Soonchunhyang University, Cheonan 31151
- G415 *De novo* Somatic Mosaicisms of *INF2* and *TRPV4* in Patients with Charcot-Marie-Tooth Disease**
Ah Jin Lee^{p1}, Su Min Lee¹, Sumaira Kanwal², Manisha Awasthi¹, Byung-Ok Choi³, Ki Wha Chung^{c1}
¹Department of Biological Sciences, Kongju National University, Gongju 32588
²Department of Biosciences, COMSATS University Islamabad, Sahiwal, Pakistan
³Department of Neurology, Sungkyunkwan University School of Medicine, Seoul 06351
- G416 A Novel *LDB3* Mutation Identified in Patients with Late Onset Myofibrillar Myopathy**
Ah Jin Lee^{p1}, Nasrin Tamanna¹, Su Min Lee¹, Soo Hyun Nam², Byung-Ok Choi², Ki Wha Chung^{c1}
¹Department of Biological Sciences, Kongju National University, Gongju 32588
²Department of Neurology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul 06351
- G417 Cultivars Consisting of Two Presumed Origins in Spring Orchid**
Eun Seo Park^p, Soo Yeon Lim, Manisha Awasthi, Ki Wha Chung^c
Department of Biological Sciences Development, Kongju National University, Gongju 32588
- G418 Identification of Genetic Causes in Pakistani Families with Early Onset Nonsyndromic Hearing loss**
Sinyeong Lee^{p1}, Yubin Kim¹, Sumaira Kanwal², Ki Wha Chung^{c1}
¹Department of Biological Sciences, Kongju National University, Gongju 32588
²Department of Biosciences, COMSATS University Islamabad, Sahiwal, Pakistan
- G419 Genetic Association Studies of Hemostasis related Gene Polymorphisms with Recurrent Pregnancy Loss Prevalence in Korean Woman**
Jae Hyun Lee^p, Hyeon Woo Park, Da Hwan Kim, Nam Keun Kim^c
Department of Biomedical Science, College of Life Science, CHA University, Seongnam 13488
- G420 Anti-neuroinflammatory Effects of Genka Flower Extract and Identification of Its Active Compound**
Jeong Min Lee^{p1}, Sung Hee Park¹, Deepak Prasad Gupta¹, Gyun Jee Song^{c12}
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²Department of Medical Science, Catholic Kwandong University College of Medicine, Gangneung 25601

일반 학술발표(포스터) 목록

- G421 Spirulina, a Natural Antioxidant, Attenuates Noise-Induced Auditory Damage by Preserving Hearing Function in a Murine Model**
Hyeon Joon Shin^{p1}, Ha Hyun Song³, Sujin Jun¹, Ye Rim Kim³, Kyu-Yup Lee², Da Jung Jung², Myung Hoon Yoo², Ye Ri Kim², Un Kyung Kim^{c1}
¹Department of Biology, College of Natural Science, Kyungpook National University, Daegu 41566
²Department of Otorhinolaryngology-Head and Neck Surgery, School of Medicine, Kyungpook National University, Daegu 41944
³Advanced Bio Resource Research Center, Kyungpook National University, Daegu 41566
- G422 α -Lipoic Acid Mitigates Diabetic Auditory Synaptopathy by Preserving Cochlear Synapse and Glutamate Homeostasis in db/db Mice**
Jong-Su Hwang^{p1}, Yup Hwang Bo¹, Ye Eun Kim¹, Ji-Hyun Ma¹, Kyu Yup Lee², Da Jung Jung², Myung Hoon Yoo², Ye Ri Kim², Un Kyung Kim^{c1}
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²Department of Otorhinolaryngology, Head and Neck Surgery, School of Medicine, Kyungpook National University, Daegu 41944
³Advanced Bio Resource Research Center Kyungpook National University Daegu 41566
- G423 Oncogenic Roles of CXCL10 in Melanoma Angiogenesis and Tumor Growth**
Jong-Ho Lee¹²
¹Department of Health Sciences, The Graduate School of Dong-A University, Busan 49315
²Department of Biomedical Sciences, Dong-A University, Busan 49315
- G424 Genetic Screen of Genes for Apical Trafficking of Mechano-transduction Components in Drosophila Chordotonal Organ**
Chanyul Kim^p, Juhong Park, Yun Doo Chung^c
Department of Life Science, University of Seoul, Seoul 07254
- G425 Interactome Analysis of Drosophila NSD-Associated Proteins Using the TurboID System**
Dong-In Zhou^p, Ho-Bin Kim, Im-Soon Lee^c
Department of Biological Sciences, Konkuk University, Seoul 05029
- G426 Lamin B1 May Coordinate Pyruvate Metabolism and Nuclear Stress in Podocytes Under Diabetic Conditions**
Iqra Batool^p, Miri Kim, Reni Marsela, Heeju Hwang, Junseok An, Youngjo Kim^c
Department of Integrated Biomedical Science, Soonchunhyang Institute of Medi-Bio Science, Cheonan 31151
- G501 해양식물플랑크톤자원 기탁등록보존기관**
윤주연^{p1}, 신현호^{c2}
¹부경대학교 수산과학연구소, 부산 46041
²부경대학교 양식응용생명과학전공, 부산 48513
- G502 Metagenome-Assembled Genome Sequence of *Aliinostoc* sp. Strain HNIBRCY26, a Cyanobacterium Isolated from Paddy Soil**
Shin Ae Lee^{p1}, Nakyeong Lee², Jihoon Jo¹, Alsan Hwanhwi Lee², Hae Lim Kim¹, Kyung Jun Lee^{c1}
¹Division of Genetic Resources, Honam National Institute of Biological Resources (HNIBR), Mokpo 58762
²Division of Environmental Materials, Honam National Institute of Biological Resources (HNIBR), Mokpo 58762
- G601 법과학에서 DNA 분석을 통한 식물 및 식물편의 동정**
박은영^d, 이혜진, 김지영, 한시내¹
국방부조사본부 과학수사연구소 유전자과, 서울 04383
- G602 SSR-Based Genetic Diversity Assessment and Conservation Planning for Near-Threatened *Caragana fruticosa* (Pall.) Besser**
Han-Na Seop, Young-Ho Ha, Hyo-In Lim^c
Forest Bioinformation Division, National Institute of Forest Science, Suwon 16631

- G701 **Deep Learning-Based Analysis of Jellyfish Behavior and Polyp Asexual Reproduction**
Haoyu Kang^p, Yijung Kim, Suhyeon Jo, Daehan Lee^c
Department of Biological Science, Sungkyunkwan University, Suwon 16419
- G702 **Evolution of Antibiotic Resistance in *Helicobacter pylori***
Eunju Jung^{p1}, Chang Seok Bang², Eun Jeong Gong², Daehan Lee^{c1}
¹Department of Biological Science, Sungkyunkwan University, Suwon 16419
²Department of Internal Medicine, Hallym University College of Medicine, Chuncheon 24252

H. 생물교육학 및 생명윤리학

- H201 **기후변화 글쓰기를 통한 중학생의 과학적 의사소통 능력 고찰**
김형미^p, 강경희^c
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- H202 **과학 · 사회 연계 생태전환교육 프로그램이 중학생의 생태 시민성에 미치는 영향**
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제주대학교 사범대학 생물교육전공, 제주 63243
- H203 **넙적거머리과 거머리 내 옥시토신 유사 유전자를 활용한 무척추 자웅동체동물 연구 및 생명과학 수업에서의 적용 방안**
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- H204 **중등 생물 초임 교사의 과학과 교수·학습 모형의 수업 적용에 대한 인식**
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부산대학교 사범대학 생물교육과, 부산 46241
- H205 **경기도 지역 초등학교의 교목과 교화 실태 조사**
강민아^p, 신영준^c
경인교육대학교, 인천 21044
- H206 **생태학 강좌에 통합한 예비교사 NetLogo 교육 프로그램 개발 및 적용**
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- H207 **서술형 평가 문항의 완성도를 높이는 방법 제안: 토픽모델링을 활용하여**
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- H208 **포용교육과 과학교육의 학문적 동향 탐색: 토픽 모델링 접근법**
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- H209 **사범대학 통합과학 교육과정 개선을 위한 과학 교사의 인식 분석**
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- H210 Reimagining Genetics Education through a Critical Perspective on Science**
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- H211 K-12 학습자를 위한 참여과학: 생태계 모니터링 프로그램의 설계와 실행에 대한 체계적 문헌고찰**
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³서울대학교 교육종합연구원, 서울 08826
- H212 개나리를 활용한 학교 주변 생태프로그램 개발 및 적용**
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- H213 자연체험 중심의 자연기반학습이 초등학생의 사회정서역량과 생태적 감수성에 미치는 영향**
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- H214 Disconnection of Traditional Ecological Knowledge on Plants in Korea: Perspectives of Students, Parents, and Teachers**
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²Haeyang Elementary School, Ansan 15594
- H215 학생중심의 수업 운영이 생물예비교사들의 과학적태도, 자아효능감, 학습 동기, 자기주도성에 미치는 영향**
최호, 노정욱, 홍준의^d
서원대학교, 청주 28674
- H216 평가 문항의 성취수준에 대한 고등학교 과학과 교사들의 인식 조사**
김유향^d, 김미영
한국교육과정평가원, 진천 27873
- H217 고등학교 과학과 최소 성취수준 도달 여부 판별을 위한 평가 도구 개발 방안 연구**
김유향^d, 김미영
한국교육과정평가원, 진천 27873
- H218 생물표본의 장기 보존과 교육 활용을 위한 메타버스 전시 플랫폼 구축**
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- H219 중학교 과학 논변 활동에서 인식적 주체성 발현의 확장과 축소 양상**
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- H220 상황적 흥미와 상태호기심이 정답·오답 경험에 따른 뇌 활성화에 미치는 영향: 과학 학습 맥락에서의 fNIRS 연구**
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- H221 자연 경험의 유형이 정신적 행복과 생태적 감수성에 미치는 영향**
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춘천교육대학교, 춘천 24328

- H222 과학관 전시물 몰입 요소 체크리스트 개발과 관람 동선 설계 연구: 국립대구과학관 ‘자연과 발견’ 상설전시관을 중심으로**
 김동렬
 대구교육대학교 과학교육과, 대구 42411
- H223 소그룹 논변 활동 속 학생 참여를 이끌어 내기 위한 교사의 주목하기와 실행**
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- H224 초임 과학교사 공동체의 담화와 실천 탐색: 학생 참여형 수업 관련 딜레마를 중심으로**
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- H225 다학제 협력 기반 DBIR 접근을 활용한 유전자 결정론 인식 개선 수업의 반복적 설계와 실행**
 SunYoung Shin¹, MinSoo Ha²
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- H226 생성형 AI를 활용한 중학생을 위한 생물다양성 교육 프로그램 개발**
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- H227 Development of Tripblock Media in Biology Learning: Enhancing the Quality of Learning through Tripblock Media**
 Solihin¹, Zulfiani¹, Kyungsuk Bae², Rini Puspitasari³, Durotul Yatimah¹, Eneng Nuraini⁴, Siti Nurhasanah¹, Sisca Nurul Fadilah¹
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- H228 CARCO (Card Ecology): An Instructional Media for Biology Learning**
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²Dankook University, Yong-In 16890
³SMK Islam Al-Qudsyiah, Sukabumi 43357
- H229 생명과학 전공자와 고등학생의 과학 진로 적성 과제 수행 과정에서 나타나는 두뇌 활성 분석: 과학 과제 집착을 중심으로**
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